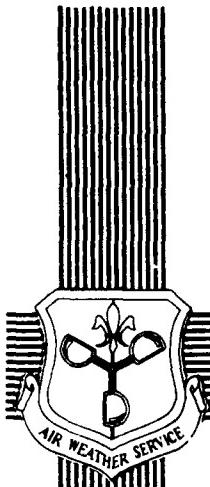


AD-A229 380

• USAFETAC/DS-88/202A

(2)

DTIC FILE COPY



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
YOKOTA AB, JAPAN

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

DTIC
ELECTED
NOV 13 1990
S E D

NOVEMBER 1988

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED

USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

Scott Air Force Base, Illinois, 62225-5438

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/202, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR YOKOTA AB JAPAN, NOVEMBER 1988, HAS BEEN REVIEWED AND IS APPROVED FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE (NTIS).

SIGNED

JOSEPH L. BOYTE
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER



WALTER S. BURGMANN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

REPORT DOCUMENTATION PAGE

2. REPORT DATE: NOVEMBER 1988
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, NOVEMBER 1947 TO FEBRUARY 1988
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR YOKOTA AB JAPAN
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-88/202A
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWOS) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, YOKOTA AB JAPAN, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW, TEMPERATURE, VISIBILITY, WIND;
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

Facilities:
Japan Airport S.
DTIC STANDARD FORM 298



III

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAR 78 - FEB 88 (METAR).

SUMMARY OF DAY DATA: NOV 47 - FEB 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 476420		STATION NAME YOKOTA AB/FUSSA, JAPAN		LATITUDE N 35 45	LONGITUDE E 139 21	FLD ELEV (FT) 457	CALL SIGN RJTY	WMO NMBR 47642
STATION LOCATION AND INSTRUMENTATION HISTORY								
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME		Type of Station	At This Location From To		LATITUDE	LONGITUDE	Elev Above MSL FLD (FT) BARO (FT)
1	Yokota AAF, Japan	AAF	Nov 47	Dec 48	N 35 44	E 139 22	460	426 24
2	Yokota AB, Japan	AB	Jan 49	Feb 55	Same	Same	Same	Same 24
3	Same	Same	Mar 55	Feb 56	Same	E 139 20	434	Same 24
4	Same	Same	Mar 56	Feb 59	Same	Same	Same	420 24
5	Same	Same	Mar 59	Jul 61	Same	Same	465	Same 24
6	Same	Same	Aug 61	Mar 62	Same	Same	Same	467 24
7	Same	Same	Apr 62	Dec 70	Same	Same	Same	439 24
8	Same	Same	Jan 71	Nov 77	N 35 45	E 139 21	457	Same 24
9	Same	Same	Dec 77	Jan 88	Same	Same	Same	Same 24
SURFACE WIND EQUIPMENT INFORMATION								
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE		
1	Nov 47	Not available	Anemometer	None	N/A			
2	Apr 53	Atop baseops bldg SW end rnwy	AN/GMQ-1A	ML204B	40 ft			
3	Mar 54	Atop wea station bldg	Same	Same	75 ft			
4	Apr 55	Atop baseops bldg	Same	Same	60 ft			
5	Apr 56	On platform on poles, 150' S of Bldg T-900	Same	Same	30 ft			
6	Apr 59	Outside ROS, at W side of S end of rnwy	AN/GMQ-11	RO-2A	13 ft			
7	Jan 72	1. 900' S and 500' W of extreme N end of rnwy 18 2. 800' N and 500' W of extreme S end of rnwy 36	AN/GMQ-11	RO-2A	13 ft			
8	Jun 78	1&2: Same	Same	RO-362	Same			
9	Jan 88	1&2: Same	GMQ-20	Same	12 ft			

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAA	RRRRRRR	TT	AAAAAAA
PP	AAAAAAA	RR RR	TT	AAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISON. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT Affected VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.4		2.3		5.7	4.7	4.0			14.4	930
03-05		2.5		2.4		4.8	4.4	2.3			11.5	930
06-08		4.0		2.0		6.0	5.2	4.3			15.5	930
09-11		3.1		2.0		5.2	3.7	11.4			20.2	930
12-14		2.6		2.2		4.7	2.2	12.9			19.8	930
15-17		3.3		2.6		5.9	1.9	16.1			24.0	930
18-20		2.8		3.2		6.0	3.0	13.9			22.9	930
21-23		4.3		2.8		7.1	4.6	8.8			20.5	930
ALL HOURS		3.3		2.4		5.7	3.7	9.2			18.6	7440

MONTH: FEB

00-02		7.8		2.6		10.4	4.8	6.0			21.2	849
03-05		7.1		3.9		11.0	5.3	5.1			21.3	849
06-08		4.8		4.9		9.8	5.7	6.8			22.3	849
09-11		5.9		5.2		11.1	4.2	16.1			31.4	849
12-14		6.6		5.1		11.7	3.1	13.7			28.0	849
15-17		6.1		4.1		10.2	3.4	14.3			27.9	849
18-20		6.8		3.2		10.0	2.8	16.6			29.4	849
21-23		5.9		3.5		9.4	4.2	11.4			25.1	849
ALL HOURS		6.4		4.1		10.4	4.2	11.2			25.8	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		13.1		2.3		15.3	11.0	6.0			32.4	933
03-05	.2	13.0		2.4		15.3	11.5	4.5			31.3	933
06-08		10.6		3.1		13.7	12.1	11.9			37.7	933
09-11		11.1		2.9		14.0	5.9	21.7		.2	41.8	930
12-14	.1	14.0		3.1		17.1	2.5	21.0		.5	41.1	930
15-17		14.6		3.0		17.6	3.5	19.1		.3	40.6	930
18-20		12.9		2.4		15.3	5.7	16.6		.1	37.6	930
21-23	.2	12.8		3.0		15.8	7.5	10.5			33.9	930
ALL HOURS	.1	12.8		2.8		15.5	7.5	13.9		.1	37.1	7449

MONTH: APR

00-02		13.3	.3		13.7	14.8	3.9			.3	32.7	900
03-05		14.6	.3		14.9	17.0	5.1			.3	37.3	900
06-08		14.0	.3		14.3	16.6	17.0				47.9	900
09-11		14.7	.1		14.8	6.3	26.2			.3	47.7	900
12-14	.3	14.9			14.9	3.1	19.3			.6	37.9	900
15-17		15.3			15.3	3.6	14.6			.6	34.0	900
18-20	.2	15.3			15.3	7.4	10.9			.7	34.3	900
21-23	.1	13.8			13.8	12.6	6.3			.3	33.0	900
ALL HOURS	.1	14.5		.1	14.6	10.2	12.9			.4	38.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHE.OMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

HOURS (LST)	TSTM	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		12.7				12.7	18.4	10.3			41.4	930
03-05	.2	13.3				13.3	21.7	9.6			44.6	930
06-08	.1	12.6				12.6	18.4	22.2			53.1	930
09-11	.1	10.5				10.5	7.6	30.1			48.3	930
12-14	.2	11.0				11.0	4.4	19.2			34.6	930
15-17	.5	12.7				12.7	4.4	16.5		.2	33.8	930
18-20	.4	13.1				13.1	6.1	19.7			38.9	930
21-23	.1	15.5				15.5	10.2	14.0			3...	930
ALL HOURS	.2	12.7				12.7	11.4	17.7		.0	41.8	7440

MONTH: JUN

00-02		19.3				19.3	27.1	10.6			57.0	900
03-05		18.8				18.8	33.9	9.1			61.8	900
06-08		21.9				21.9	25.6	21.9			69.3	900
09-11	.1	20.1				20.1	12.6	31.7			64.3	900
12-14	1.0	17.2				17.2	7.9	27.2			52.3	900
15-17	.9	18.8				18.8	7.4	24.3			50.6	900
18-20	.8	19.2				19.2	10.9	23.4			53.6	900
21-23	.1	19.6				19.6	19.9	16.0			55.4	900
ALL HOURS	.4	19.4				19.4	18.2	20.5			58.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	MAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST	TOTAL NO. OF OBS
00-02	.3	16.2				16.2	34.6	8.7			59.6	930
03-05	.1	17.6				17.6	44.0	7.4			69.0	930
06-08	.2	18.6				18.6	37.8	22.8			79.2	930
09-11	.4	14.7				14.7	17.1	38.0			69.8	930
12-14	.9	12.6				12.6	8.9	37.5			59.0	930
15-17	3.7	17.1				17.1	7.3	26.0			50.4	930
18-20	2.9	20.8				20.8	11.8	20.6			53.2	930
21-23	.4	16.9				16.9	24.2	15.5			56.6	930
ALL HOURS	1.1	16.8				16.8	23.2	22.1			62.1	7440

MONTH: AUG

00-02	1.0	11.2				11.2	25.9	11.4			48.5	930
03-05	.9	11.9				11.9	35.5	9.2			56.7	930
06-08	.3	11.5				11.5	31.8	22.9			66.2	930
09-11	.3	10.6				10.6	11.1	36.7			58.4	930
12-14	.8	10.2				10.2	5.6	33.2			49.0	930
15-17	2.9	10.2				10.2	5.4	27.1			42.7	930
18-20	2.0	12.8				12.8	8.0	22.9			43.7	930
21-23	.1	8.8				8.8	16.9	14.2			39.9	930
ALL HOURS	1.0	10.9				10.9	17.5	22.2			50.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	23.1				23.1	21.1	8.3			52.6	900
03-05	.3	20.9				20.9	28.0	6.2		.1	55.2	900
06-08	.2	23.6				23.6	25.3	14.2			63.1	900
09-11	.2	18.6				18.6	11.9	26.3			56.8	900
12-14		16.8				16.8	7.6	24.6		.1	49.0	900
15-17	.8	20.7				20.7	7.1	22.6			50.3	900
18-20	1.0	24.1				24.1	10.2	19.8			54.1	900
21-23	.8	23.8				23.8	17.3	14.0			55.1	900
ALL HOURS	.4	21.4				21.4	16.1	17.0		.0	54.5	7200

MONTH: OCT

00-02		14.6				14.6	13.8	8.8			37.2	930
03-05		13.1				13.1	16.8	5.4			35.3	930
06-08	.2	13.4				13.4	19.4	11.9			44.7	930
09-11	.2	13.4				13.4	8.7	20.9			43.0	930
12-14		11.7				11.7	3.8	21.1		.1	36.7	930
15-17		12.6				12.6	4.2	23.0			39.8	930
18-20		12.5				12.5	7.8	25.1		.1	45.5	930
21-23		14.2				14.2	10.2	17.4		.2	42.0	930
ALL HOURS	.1	13.2				13.2	10.6	16.7		.1	40.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE & OR HAZE	BLOWING SNOW	DUST & OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.9		.1		12.0	11.3	8.7			32.0	900
03-05		10.6				10.6	13.2	5.4			29.2	900
06-08		9.3				9.3	16.6	8.2			34.1	900
09-11		.1	9.4			9.4	9.7	18.7			37.8	900
12-14		9.8				9.8	4.1	22.7			36.6	900
15-17		9.8				9.8	5.2	30.4			45.4	900
18-20		.2	10.7			10.7	10.1	28.3			49.1	900
21-23		10.8				10.8	10.8	17.8			39.3	900
ALL HOURS		.0	10.3			10.3	10.1	17.5			37.9	7200

MONTH: DEC

00-02		4.7		.8		5.5	8.0	6.6			20.0	930	
03-05		4.5		.6		5.2	6.3	2.9			14.4	930	
06-08		.1	5.1		.9	5.9	5.8	6.2			18.0	930	
09-11		3.3		.8		4.1	4.8	26.1			35.1	930	
12-14		4.0		1.0		4.9	2.7	28.5			36.1	930	
15-17		3.8		.6		4.4	3.4	36.1			44.0	930	
18-20		4.6		1.0		5.6	4.4	34.7			44.7	930	
21-23		4.7		1.1		5.8	8.3	16.8			30.9	930	
ALL HOURS		.0	4.3		.8		5.2	5.5	19.7			30.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		3.3		2.4		5.7	3.7	9.2			18.6	7440
FEB		6.4		4.1		10.4	4.2	11.2			25.8	6792
MAR		.1	12.8		2.8	15.5	7.5	13.9		.1	37.1	7449
APR		.1	14.5		.1	14.6	10.2	12.9		.4	38.1	7200
MAY		.2	12.7			12.7	11.4	17.7		.0	41.8	7440
JUN		.4	19.4			19.4	18.2	20.5			58.0	7200
JUL		1.1	16.8			16.8	23.2	22.1			62.1	7440
AUG		1.0	10.9			10.9	17.5	22.2			50.6	7440
SEP		.4	21.4			21.4	16.1	17.0		.0	54.5	7200
OCT		.1	13.2			13.2	10.6	16.7		.1	40.5	7440
NOV		.0	10.3		.0	10.3	10.1	17.5			37.9	7200
DEC		.0	4.3		.8	5.2	5.5	19.7			30.4	7440
ANNUAL		.3	12.2		.8	13.0	11.5	16.8		.1	41.3	87681

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: 4901-8802									
		LST TO UTC: -09		MONTH: ALL HOURS: ALL									
MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS	
JAN	.5	19.8	.2	11.0		24.4	18.6	54.5			63.0	1240	
FEB	.3	27.7	.1	17.4	.1	34.8	28.8	57.4	.2	.2	69.9	1130	
MAR	.8	43.4	.1	11.3	.2	45.7	38.7	60.9	.1	.3	78.3	1200	
APR	1.6	52.9		.9	.2	52.9	48.5	68.2		.1	85.0	1170	
MAY	4.5	51.1				.1	51.1	54.4	68.7		86.0	1209	
JUN	5.7	66.9				.3	66.9	74.2	78.6		95.1	1170	
JUL	11.7	65.4				.2	65.4	80.2	83.6		97.3	1209	
AUG	13.4	54.3				.1	54.3	69.8	78.8		93.5	1209	
SEP	4.9	64.4				.2	64.4	68.8	69.8		91.8	1170	
OCT	.9	50.1					50.1	52.5	68.5		86.4	1209	
NOV	.5	38.0		.8		38.3	37.7	71.3			82.3	1155	
DEC	.4	23.4	.2	4.2	.1	24.3	25.5	74.4			80.3	1195	
ANNUAL	3.8	46.4	.0	3.8	.1	47.7	49.8	69.6	.0	.0	84.1	14266	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02							.3	1.0	.2			
03-05			.2		.2		.1	.9	.3			
06-08					.1		.2	.3	.2	.2		.1
09-11					.1	.1	.4	.3	.2	.2		.1
12-14			.1	.3	.2	1.0	.9	.8				
15-17					.5	.9	3.7	2.9	.8			
18-20					.2	.4	.8	2.9	2.0	1.0		.2
21-23			.2	.1	.1	.1	.4	.1	.8			
ALL HOURS			.1	.1	.2	.4	1.1	1.0	.4	.1	.0	.0
TOTAL OBS	7440	6792	7449	7200	7440	7200	7440	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS
TSTM'S							
LIQUID PRECIP	12.0		48.3	1.2	3.3	35.1	242
FREEZING PRECIP							
FROZEN PRECIP	5.6		64.6	2.1		27.8	144
FOG	31.2		30.4	2.2	3.6	32.6	276
FOG WITH VIS GE 1/2 MILES	30.7		31.1	2.2	3.7	32.2	270
TOTAL OBS	1696	66	2342	515	485	2336	0
							7440

MONTH: FEB HOURS: ALL

TSTM'S							
LIQUID PRECIP	7.6		59.6	4.8	.7	27.3	433
FREEZING PRECIP							
FROZEN PRECIP	6.9		69.0	3.0		21.2	203
FOG	29.1		38.9	4.6	3.9	23.5	285
FOG WITH VIS GE 1/2 MILES	29.2		39.1	4.6	3.9	23.2	284
TOTAL OBS	1209	56	2432	564	510	2021	0
							6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS
TSTM			80.0		20.0		5
LIQUID PRECIP	9.8	.1	57.5	5.9	3.7	23.0	945
FREEZING PRECIP							
FROZEN PRECIP	3.9		71.7			24.4	127
FOG	29.4	.2	36.4	5.4	6.5	22.1	557
FOG WITH VIS GE 1/2 MILES	29.2	.2	36.6	5.4	6.5	22.2	555
TOTAL OBS	1041	52	2868	727	864	1897	0
							7449

MONTH: APR HOURS: ALL

TSTM			33.3	16.7	33.3	16.7	6
LIQUID PRECIP	12.4	.3	48.5	8.7	11.9	18.3	1040
FREEZING PRECIP							
FROZEN PRECIP	25.0		75.0				4
FOG	34.3		32.2	6.1	10.5	16.8	732
FOG WITH VIS GE 1/2 MILES	34.3		32.0	6.2	10.6	16.9	724
TOTAL OBS	1213	93	2087	793	1705	1309	0
							7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9		MONTH: MAY HOURS: ALL			
PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS
TSTM			37.5	25.0	25.0	12.5	16
LIQUID PRECIP	13.7		40.8	9.4	19.4	16.6	932
FREEZING PRECIP							
FROZEN PRECIP							
FOG	36.4	.2	31.9	6.6	10.2	14.6	849
FOG WITH VIS GE 1/2 MILES	36.4	.1	32.0	6.6	10.3	14.6	845
TOTAL OBS	1499	52	1780	791	2197	1121	0
							7440

		MONTH: JUN HOURS: ALL					
TSTM	7.7		34.6	15.4	26.9	15.4	26
LIQUID PRECIP	13.5	.1	48.0	10.1	15.2	13.0	1381
FREEZING PRECIP							
FROZEN PRECIP							
FOG	34.7		32.6	9.3	9.3	14.2	1307
FOG WITH VIS GE 1/2 MILES	34.7		32.4	9.4	9.1	14.4	1291
TOTAL OBS	1524	42	1806	824	2086	918	0
							7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

**PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS**

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS	
TSTMS	3.6	2.4	30.1	12.0	22.9	28.9	83	
LIQUID PRECIP	23.0	.1	36.6	14.4	16.2	9.7	1198	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	42.9		30.7	7.3	6.8	12.3	1728	
FOG WITH VIS GE 1/2 MILES	42.8		30.6	7.2	7.0	12.5	1691	
TOTAL OBS	1916	47	1702	941	1985	849	0	7440

MONTH: AUG HOURS: ALL

TSTMS	6.5	14.3	9.1	40.3	29.9		77	
LIQUID PRECIP	15.8	.1	38.2	18.4	15.1	12.4	761	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	37.9		30.9	7.3	7.7	16.3	1305	
FOG WITH VIS GE 1/2 MILES	37.8		30.7	7.3	7.7	16.4	1295	
TOTAL OBS	1684	29	1562	875	2187	1103	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS
TSTMS	18.8		31.3	6.3	12.5	31.3	32
LIQUID PRECIP	17.2	.1	43.6	4.7	4.6	29.7	1520
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.8		39.7	5.3	3.5	17.8	1157
FOG WITH VIS GE 1/2 MILES	33.8		39.7	5.3	3.5	17.8	1149
TOTAL OBS	1627	21	2419	671	896	1566	0
							7200

MONTH: OCT HOURS: ALL

TSTMS			100.0				4
LIQUID PRECIP	14.5	.3	45.6	3.3	2.6	33.7	978
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.2		30.6	4.2	2.3	29.7	787
FOG WITH VIS GE 1/2 MILES	33.5		30.5	4.1	2.3	29.5	773
TOTAL OBS	1590	46	2569	539	600	2096	0
							7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349	NO OF OBS
TSTM'S	33.3		66.7				3
LIQUID PRECIP	15.3	.1	51.0	3.9	.9	28.6	737
FREEZING PRECIP							
FROZEN PRECIP							
FOG	38.4		30.7	3.0	1.5	26.4	730
FOG WITH VIS GE 1/2 MILES	38.2		30.6	3.1	1.5	26.6	715
TOTAL OBS	1742	17	2306	570	374	2191	0
							7200

MONTH: DEC HOURS: ALL

TSTM'S					100.0		1
LIQUID PRECIP	14.9		55.4	3.4	2.5	23.8	323
FREEZING PRECIP							
FROZEN PRECIP	6.5		61.3			32.3	31
FOG	32.8	.2	27.7	1.7	1.2	36.3	408
FOG WITH VIS GE 1/2 MILES	32.5	.2	28.0	1.7	1.2	36.2	403
TOTAL OBS	1633	27	2100	495	395	2790	0
							7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER:	476420	STATION NAME:	YOKOTA AB JAPAN	LST TO UTC:	- 9	PERIOD OF RECORD:	MAR 78 - FEB 88	MONTHS:	ALL	NO OF OBS
PHENOMENA		CALM	VARIABLE	350 - 059	060 - 139	140 - 199	200 - 349			
TSTMS		6.7	.8	28.9	11.1	26.9	25.7			253
LIQUID PRECIP		14.9	.1	46.3	8.2	9.3	21.2			10490
FREEZING PRECIP										
FROZEN PRECIP		5.9		68.0	1.8		24.4			509
FOG		36.0	.0	32.6	6.1	6.3	19.0			10121
FOG WITH VIS GE 1/2 MILES		36.0	.0	32.6	6.1	6.3	19.0			9995
TOTAL OBS		18374	548	25973	8305	14284	20197	0		87681

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOW:

AIR FORCE	NAVY AND NATIONAL WEATHER SERVICE
THROUGH 1945:	0800 LST
JAN 1946 TO MAY 1957:	1230 LST
JUN 1957 TO PRESENT:	1200 GMT
THROUGH JUN 1952:	0030 GMT
JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER:	476420	STATION NAME: YOKOTA AB JAPAN LST TO UTC: -09												PERIOD OF RECORD: 4711-8802			
AMOUNTS (INCHES)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN			
NONE		75.5	65.1	53.8	46.5	48.8	33.2	34.0	45.4	36.0	50.0	62.3	75.4	52.3			
TRACE		7.8	11.8	14.4	16.5	13.5	17.5	18.2	15.8	15.4	12.3	11.6	8.3	13.5			
.01		1.4	2.0	2.6	3.2	3.1	2.7	4.6	3.6	3.1	2.9	1.9	1.4	2.7			
.02-.05		4.2	3.4	5.2	5.9	7.2	8.4	8.4	6.5	8.0	4.7	4.2	2.8	5.7			
.06-.10		1.4	2.9	4.4	4.0	5.2	5.3	5.6	3.6	5.5	2.9	4.0	3.0	4.0			
.11-.25		3.2	6.0	6.9	8.3	5.6	9.8	8.6	6.5	9.6	9.1	5.5	2.8	6.8			
.26-.50		2.9	4.6	5.7	6.2	6.7	7.4	8.5	5.0	7.1	5.4	4.2	2.7	5.5			
.51-1.00		2.4	2.3	4.9	6.3	5.3	8.0	5.6	6.1	7.1	6.5	3.2	2.4	5.0			
1.01-2.50		1.0	1.8	2.1	2.8	4.1	6.8	5.3	5.6	6.7	5.3	2.9	1.0	3.8			
2.51-5.00		.2	.1		.3	.4	.9	.8	1.5	1.0	.8	.2	.2	.5			
5.01-10.00							.1	.2	.5	.4	.2			.1			
10.01-20.00																	
OVER 20.00																	
DAYS WITH MEAS AMTS		16.8	23.1	31.9	37.0	37.7	49.3	47.8	38.7	48.5	37.7	26.1	16.4	34.2			
TOTAL NO. OF OBSERVATIONS		1271	1159	1240	1200	1240	1200	1240	1239	1193	1240	1227	1271	14720			

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47											.33	3.30	3.63*
48	3.71	1.67	2.39	5.89	3.52	11.27	12.45	13.99	2.67	4.42	6.57	1.60	70.15
49	2.56	2.15	1.54	3.58	3.71	12.74	5.08	7.20	4.31*	9.40	5.72	2.55	60.54*
50	4.02	2.70	2.23	6.83	4.71	12.99	15.10	12.39	7.10	9.07	5.29	2.79	85.22
51	.56	2.85	6.07	5.87	3.49	5.55	12.10	5.69	7.76	6.75	2.35	.58	59.62
52	2.89	2.06	5.38	6.73	4.20	8.15	12.14	7.61	3.73	4.29	3.29	.72	61.19
53	1.11	1.58	3.88	2.03	5.76	8.19	9.53	10.19	11.74	4.79	.29	2.67	61.76
54	3.28	1.10	3.39	4.93	5.59	14.48	4.52	4.52	14.49	4.50	5.14	1.75	67.69
55	1.70	3.67	5.31	1.76	5.19	2.67	3.15	5.81	7.01	12.46	4.50	.67	53.90
56	3.08	1.82	5.03	4.08	10.09	3.97	4.94	3.37	10.42	11.47	2.20	.07	60.54
57	.03	2.42	2.14	3.53	7.37	10.94	7.30	2.06	10.82	4.33	1.77	2.72	55.43
58	2.75	3.15	1.83	.49	3.02	1.22	9.58	7.44	19.96	9.50	3.22	4.00	66.16
59	2.03	3.59	3.40	4.58	6.55	5.94	4.70	11.29	7.64	7.91	2.70	3.87	64.20
60	1.87	.24	1.89	6.23	6.16	3.49	2.05	13.22	6.27	4.50	2.71	2.67	51.30
61	.59	1.26	3.75	4.87	1.46	13.32	1.36	4.41	3.30	11.04	1.66	1.44	48.46
62	.92	.43	1.39	2.79	5.15	8.22	7.15	5.51	1.11	4.21	6.06	2.22	45.16
63	.16	.41	2.34	2.61	4.66	7.66	3.98	9.85	3.42	8.71	2.74	1.40	47.94
64	4.31	2.10	3.13	3.51	2.89	3.92	1.89	18.07	6.98	4.03	1.23	1.63	53.69
65	1.04	.20	1.92	2.47	15.43	8.67	4.85	10.72	8.80	2.60	3.13	2.66	62.49
66	.98	3.76	4.02	4.54	6.50	17.58	5.54	2.73	12.52	5.17	.68	.40	64.42
67	1.01	1.24	2.79	3.08	2.80	3.73	6.10	5.30	7.35	8.13	1.90	1.65	45.08
68	.31	2.02	2.89	4.79	5.82	6.49	7.14	9.77	3.97	4.61	.70	6.75	55.26
69	2.05	3.70	4.76	2.41	3.51	6.37	3.33	4.36	6.72	6.52	3.24	.09	47.06
70	4.64	1.13	1.95	3.30	5.51	8.85	8.53	6.84	5.96	3.22	4.34	1.18	55.45
71	1.13	1.81	2.28	4.96	3.22	4.88	4.34	8.92	9.15	8.09	1.00	1.51	51.29
72	3.66	5.45	1.23	4.12	6.22	4.24	12.70	4.24	13.82	1.16	1.25	4.14	62.23
73	3.85	2.33	.47	4.96	3.52	5.33	4.39	3.33	6.12	5.62	2.69	TRACE	42.61
74	.81	2.44	3.86	5.71	3.46	9.27	16.54	12.66	11.42	4.73	1.12	.87	72.89
75	1.62	3.19	3.06	3.63	4.34	10.93	4.63	6.28	3.23	8.79	8.07	1.72	59.49
76	.01	4.13	2.63	4.00	9.25	8.84	3.04	4.34	8.33	5.53	3.40	1.21	54.71
77	.65	1.01	6.13	3.92	2.39	7.71	6.44	15.56	9.97	1.79	3.96	.70	60.23
78	.71	1.10	4.78	5.84	2.59	3.46	7.34	2.30	5.44	5.39	1.96	.94	41.85
79	1.75	3.82	1.66	4.60	6.08	2.79	3.96	4.50	6.32	16.81	8.34	.91	61.54
80	2.90	.53	4.08	4.19	4.42	2.91	8.87	6.22	6.81	6.95	4.25	1.85	53.98

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.18	.93	4.69	5.35	4.90	4.15	9.57	5.50	5.09	9.55	4.23	.16	54.30
82	.35	1.12	2.62	4.57	1.95	5.47	7.21	13.23	16.90	6.48	4.96	.64	65.50
83	.97	2.14	4.15	4.84	4.33	6.46	3.85	12.42	9.21	5.08	1.55	.02	55.02
84	2.00	1.98	2.29	1.84	2.45	6.33	6.02	1.75	3.79	4.43	1.98	1.70	36.56
85	.03	7.12	4.09	7.88	1.89	15.28	4.55	5.11	4.89	2.14	3.75	.41	57.14
86	.80	.90	5.62	4.05	7.65	5.05	4.96	9.80	9.11	2.62	.90	3.05	54.51
87	2.01	1.44	2.59	.52	2.62	4.58	4.95	4.35	9.81	4.98	2.68	1.68	42.21
88	.56	.30											.86*
LEAST	.01	.20	.47	.49	1.46	1.22	1.36	1.75	1.1	1.16	.29	TRACE	36.56
GREATEST	4.64	7.12	6.13	7.88	15.43	17.58	16.54	18.07	19.96	16.81	8.34	6.75	85.22
MEAN	1.70	2.12	3.24	4.15	4.86	7.35	6.65	7.57	7.93	6.29	3.12	1.73	56.62
MEDIAN	1.13	1.98	2.98	4.16	4.38	6.42	5.31	6.25	7.10	5.28	2.71	1.60	55.43
SD	1.328	1.465	1.430	1.636	2.596	3.889	3.612	4.088	4.002	3.216	1.996	1.383	9.573
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1239	1193	1240	1227	1271	14720

THE GREATEST VALUE OF 19.96 OCCURRED ON 09/58

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47											.33	2.82	2.82*
48	2.66	.92	.69	2.75	1.81	3.02	2.67	3.24	.97	1.34	3.10	.40	3.24
49	2.15	1.72	.69	.98	1.41	3.91	1.73	4.29	1.26*	2.45	2.31	.92	4.29*
50	1.50	1.10	.92	2.96	1.72	2.90	7.38	3.16	4.14	3.67	1.68	1.58	7.38
51	.42	1.03	2.00	1.98	1.91	1.99	4.05	1.97	1.43	1.67	1.12	.29	4.05
52	1.07	.52	1.59	2.07	1.45	2.70	2.51	3.65	1.02	.99	1.28	.56	3.65
53	.59	.75	.82	.64	1.44	2.33	2.56	2.69	4.20	1.41	.21	2.02	4.20
54	.87	.38	.97	1.06	1.93	3.42	1.12	1.75	5.64	.70	2.45	.60	5.64
55	.71	1.89	1.05	.44	1.67	1.11	1.95	1.45	1.64	3.35	3.20	.67	3.35
56	1.41	1.45	2.18	1.17	2.00	1.19	1.57	1.25	3.89	2.81	.65	.06	3.89
57	.02	1.02	1.53	1.22	3.84	4.48	1.89	.86	1.44	2.68	.68	1.26	4.48
58	.87	1.43	.70	.20	.76	.43	5.12	1.80	9.03	1.82	1.67	1.82	9.03
59	1.26	.86	.96	1.66	1.36	.98	1.69	4.07	3.58	2.67	.80	2.48	4.07
60	1.41	.14	.92	1.99	1.44	1.41	.80	5.26	1.42	1.41	.85	.89	5.26
61	.23	.65	1.11	2.45	.76	3.59	.75	2.04	.96	2.25	1.05	.85	3.59
62	.53	.22	.32	.76	.95	1.72	1.31	2.18	.43	1.44	2.43	1.54	2.43
63	.12	.29	.82	.61	1.10	2.05	1.12	3.00	1.33	2.86	1.72	1.07	3.00
64	1.16	.60	.84	.85	.95	1.07	1.00	7.20	1.64	1.10	.43	.49	7.20
65	.56	.13	1.53	.92	4.56	1.80	1.10	2.90	2.45	1.06	2.00	1.17	4.56
66	.89	1.44	1.49	.81	1.59	9.79	2.33	1.83	2.33	2.05	.24	.22	9.79
67	.45	.40	1.26	.76	.90	.91	2.79	1.68	1.73	1.91	.97	.75	2.79
68	.15	1.20	.55	1.07	1.86	1.70	2.38	2.01	1.05	1.57	.36	2.82	2.82
69	.79	.80	1.97	1.11	1.16	1.35	1.01	1.34	1.51	3.07	1.37	.09	3.07
70	3.57	.50	1.17	1.20	1.35	2.40	4.85	2.69	2.30	.65	1.64	.53	4.85
71	.92	.89	.67	2.85	1.31	.82	1.71	5.83	4.00	1.78	.46	1.35	5.83
72	1.85	1.38	.45	.91	2.10	1.24	5.03	1.85	5.60	.71	.53	2.56	5.60
73	1.71	1.06	.18	1.15	1.37	1.56	1.70	1.42	1.80	1.89	2.35	TRACE	2.35
74	.81	.56	1.39	2.04	1.41	2.02	2.76	5.22	5.12	2.04	.56	.34	5.22
75	.78	1.25	1.37	1.16	1.93	4.70	2.20	2.29	1.02	2.59	2.47	.70	4.70
76	.01	1.86	1.16	.91	1.96	3.01	1.47	.95	1.49	2.42	1.18	1.04	3.01
77	.42	.55	2.39	1.32	1.63	2.10	2.19	3.08	4.75	1.02	2.04	.36	4.75
78	.30	.68	1.34	1.53	.64	1.10	3.52	1.30	1.01	1.13	1.08	.79	3.52
79	.91	.93	1.21	1.92	2.58	1.01	1.39	1.65	1.71	6.65	1.76	.50	6.65
80	.75	.37	.95	1.38	1.05	.67	1.55	1.41	2.36	2.37	1.04	.57	2.37

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09

PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.18	.84	1.59	2.60	2.23	1.00	2.23	2.66	1.12	6.33	2.09	.16	6.33
82	.22	.41	.68	2.16	.60	1.60	2.30	6.13	7.62	1.65	2.91	.38	7.62
83	.48	1.74	1.26	1.88	2.44	1.19	.73	4.25	3.17	1.11	.34	.02	4.25
84	.82	1.05	.73	.70	.83	1.51	2.00	.63	1.22	2.44	1.01	.91	2.44
85	.03	3.24	.86	1.67	.56	3.81	1.44	2.00	.91	1.32	1.84	.28	3.81
86	.75	.54	2.00	1.42	2.81	1.10	1.23	5.92	3.66	1.48	.34	1.42	5.92
87	.71	.41	.43	.21	.77	1.53	1.48	1.67	2.43	1.22	1.10	.66	2.43
88	.35	.22											.35*
GREATEST	3.57	3.24	2.39	2.96	4.56	9.79	7.38	7.20	9.03	6.65	3.20	2.82	9.79
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1239	1193	1240	1227	1271	14720

THE GREATEST VALUE OF 9.79 OCCURRED ON 06/28/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	89.1	82.8	88.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	99.2	95.8	96.3
TRACE	6.8	9.7	8.0	.8							.7	3.3	2.4
0.1-0.4	.9	1.4	.7								.1	.2	.3
0.5-1.4	.7	1.5	.8								.4		.3
1.5-2.4	1.0	1.6	.3										.2
2.5-3.4	.8	1.1	.6	.1							.2		.2
3.5-4.4	.2	.4	.2								.1		.1
4.5-6.4	.2	.9	.3										.1
6.5-10.4	.3	.3	.3	.1									.1
10.5-15.4		.3	.1										.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	4.2	7.4	3.3	.2							.1	.9	1.3
TOTAL NO. OF OBSERVATIONS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

YEAR	STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN												PERIOD OF RECORD: 4711-8802		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTH: ALL	HOURS: ALL	
47													.0	TRACE	TRACE*
48	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
49	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7		2.5
50	4.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0			10.4
51	3.1	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE			11.1
52	3.3	20.0	12.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0		TRACE	36.2
53	4.0	9.5	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		15.6
54	15.5	3.4	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE		22.3
55	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		1.0
56	6.2	7.1	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0		15.8
57	.0	5.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		7.4
58	TRACE	14.3	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		23.9
59	7.8	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE			9.9
60	1.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE		2.7
61	TRACE	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE			.3
62	1.8	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0			2.4
63	TRACE	.8	4.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.0			4.9
64	1.0	9.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE				10.6
65	3.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE				3.3
66	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE			TRACE
67	TRACE	6.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1		6.9
68	.3	15.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		15.8
69	2.4	7.2	23.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0		39.4
70	TRACE	5.2	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.9			7.1
71	4.1	5.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		10.0
72	1.0	15.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		16.3
73	2.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		2.8
74	8.1	15.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		34.1
75	5.2	11.2	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7		23.8
76	.0	1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE			1.2
77	3.6	3.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		6.8
78	5.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE				5.8
79	5.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0			5.6
80	4.3	1.9	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0		14.7

OPERATING LOCATION 'A'
USAFTAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	2.9	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.4
82	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
83	.1	7.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.2
84	18.2	18.9	12.8	TRACE	.0	.0	.0	.0	.0	.0	.0	2.5	52.4
85	1.0	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
86	TRACE	12.0	10.7	.0	.0	.0	.0	.0	.0	.0	.0	3.0	25.7
87	11.0	7.5	6.4	.0	.0	.0	.0	.0	.0	.0	.0	4.0	28.9
88	1.1	3.0											4.1*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	18.2	20.0	23.1	6.7	.0	.0	.0	.0	.0	.0	.0	.4	4.0
MEAN	3.1	5.6	2.9	.2	.0	.0	.0	.0	.0	.0	.0	.4	12.4
MEDIAN	1.5	3.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.3
SD	4.166	5.759	5.024	1.121	.000	.000	.000	.000	.000	.000	.062	1.043	12.383
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

THE GREATEST VALUE OF 23.1 OCCURRED ON 03/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

YEAR	STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN LST TO UTC: -09												PERIOD OF RECORD: 4711-8802 MONTH: ALL HOURS: ALL		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
47													.0	TRACE	TRACE*
48		TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
49		TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.8	
50		2.0	4.5	.0	.0	.0	.0	.0	.0	.0	.4	.0	4.5		
51		3.1	5.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.3		
52		3.3	6.0	4.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	
53		3.9	7.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	
54		8.7	3.4	3.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.7	
55		TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	
56		3.2	4.6	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	4.6	
57		.0	5.5	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	
58		TRACE	11.8	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	
59		7.8	2.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.8		
60		1.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	
61		TRACE	TRACE	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.3		
62		1.8	.5	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.0	1.8		
63		TRACE	.4	3.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.0		
64		.5	3.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9		
65		2.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9		
66		TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE		
67		TRACE	3.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.3	
68		.3	12.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	
69		1.5	3.2	14.8	6.7	.0	.0	.0	.0	.0	.0	.0	.0	14.8	
70		TRACE	5.2	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	5.2		
71		1.5	4.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	
72		1.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	
73		2.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	
74		8.1	4.5	7.6	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.1	
75		4.8	10.7	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	10.7	
76		.0	1.2	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.2		
77		2.1	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	
78		3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0		
79		2.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	
80		4.3	1.6	4.5	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.5	

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	2.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.1
82	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2
83	.1	5.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.9
84	8.2	10.5	5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	2.5	10.5
85	1.0	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
86	TRACE	7.3	9.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.1
87	4.2	4.3	5.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.3
88	.7	3.0											3.0*
GREATEST	8.7	12.3	14.8	6.7	.0	.0	.0	.0	.0	.0	.0	.4	4.0
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

THE GREATEST VALUE OF 14.8 OCCURRED ON 03/12/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER:	476420	STATION NAME:	YOKOTA AB JAPAN	LST TO UTC:	-09	PERIOD OF RECORD: 4711-8802											
AMOUNTS (INCHES)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN			
NONE		95.1	89.6	96.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.1	98.4			
TRACE		1.5	4.0	1.6								.3	.6				
1		1.3	2.1	.							.1	.4	.4				
2		.6	1.2	.8	.1								.2				
3		.2	1.0									.2	.1				
4-6		.9	1.5	.4									.2				
7-12		.3	.6	.2									.1				
13-24																	
25-36																	
37-48																	
49-60																	
61-120																	
OVER 120																	
DAYS WITH MEAS AMTS		3.4	6.4	2.3	.1							.1	.6	1.0			
TOTAL NO. OF OBSERVATIONS		1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730			

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

YEAR	STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN LST TO UTC: -09												PERIOD OF RECORD: 4711-8802 MONTH: ALL HOURS: ALL		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
47													0	TRACE	TRACE*
48	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
49	0	0	2	0	0	0	0	0	0	0	0	0	0	TRACE	2
50	0	7	0	0	0	0	0	0	0	0	1	0	0	0	7
51	2	9	0	0	0	0	0	0	0	0	0	0	0	0	9
52	2	5	9	0	0	0	0	0	0	0	0	0	0	0	9
53	4	6	0	0	0	0	0	0	0	0	0	0	0	0	6
54	12	4	1	0	0	0	0	0	0	0	0	0	0	0	12
55	0	0	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
56	4	4	TRACE	2	0	0	0	0	0	0	0	0	0	0	4
57	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
58	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
59	6	1	0	0	0	0	0	0	0	0	0	0	0	0	6
60	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	0	0	TRACE
61	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
62	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
63	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
64	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
68	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
69	TRACE	3	9	0	0	0	0	0	0	0	0	0	0	0	9
70	0	5	TRACE	0	0	0	0	0	0	0	0	0	0	1	5
71	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
72	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
73	TRACE	0	0	0	0	0	0	0	0	0	0	0	0	0	TRACE
74	6	2	1	0	0	0	0	0	0	0	0	0	0	1	6
75	4	6	1	0	0	0	0	0	0	0	0	0	0	0	6
76	0	TRACE	0	0	0	0	0	0	0	0	0	0	0	0	TRACE
77	1	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	0	1
78	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
79	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
80	TRACE	0	4	0	0	0	0	0	0	0	0	0	0	0	4

OPERATING LOCATION 'A'
USAFTAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
83	0	3	0	0	0	0	0	0	0	0	0	0	3
84	8	7	2	0	0	0	0	0	0	0	0	0	8
85	1	TRACE	2	0	0	0	0	0	0	0	0	0	2
86	0	11	5	0	0	0	0	0	0	0	0	3	11
87	5	4	5	0	0	0	0	0	0	0	0	3	5
88	1	3											3*
GREATEST	12	12	9	2	0	0	0	0	0	0	1	3	12
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

THE GREATEST VALUE OF 12 OCCURRED ON 01/24/54

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: 4711-8802
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR		FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
47	48	DEC 17			MAR 26		
48	49	JAN 04	MAR 14	MAR 14	MAR 27	MAR 14	MAR 14
49	50	DEC 21	DEC 27	FEB 15	FEB 27	FEB 15	FEB 17
50	51	NOV 29	NOV 29	NOV 29	MAR 12	FEB 15	FEB 18
51	52	NOV 28	JAN 06	JAN 06	APR 01	MAR 14	MAR 09
52	53	DEC 03	JAN 05	JAN 05	MAR 17	MAR 17	FEB 23
53	54	JAN 13	JAN 23	JAN 23	MAR 11	MAR 04	MAR 04
54	55	DEC 05	MAR 05		MAR 05	MAR 05	
55	56	JAN 19	JAN 22	JAN 22	APR 02	APR 01	APR 01
56	57	FEB 03	FEB 03	FEB 03	MAR 08	MAR 08	FEB 03
57	58	JAN 24	FEB 02	FEB 07	MAR 29	MAR 29	MAR 28
58	59	JAN 01	JAN 01	JAN 01	MAR 24	FEB 24	FEB 24
59	60	NOV 28	JAN 16		MAR 15	FEB 11	
60	61	DEC 04	MAR 26	MAR 26	MAR 27	MAR 26	MAR 26
61	62	NOV 24	JAN 01	JAN 01	APR 18	FEB 26	JAN 01
62	63	NOV 22	FEB 02	MAR 13	MAR 13	MAR 13	MAR 13
63	64	NOV 30	JAN 25	FEB 18	MAR 27	FEB 25	FEB 18
64	65	DEC 17	JAN 06		MAR 04	JAN 30	
65	66	DEC 28			MAR 15		
66	67	DEC 25	FEB 10	FEB 10	APR 17	FEB 12	FEB 15
67	68	DEC 14	DEC 19	FEB 15	FEB 27	FEB 16	FEB 22
68	69	JAN 12	JAN 29	FEB 16	APR 17	APR 17	MAR 14
69	70	JAN 04	FEB 28	FEB 28	MAR 22	MAR 04	FEB 28
70	71	NOV 15	DEC 25	DEC 25	MAR 23	MAR 23	FEB 15
71	72	JAN 02	JAN 15	FEB 04	FEB 27	FEB 26	FEB 26
72	73	JAN 07	JAN 07		MAR 18	JAN 07	
73	74	JAN 21	JAN 21	JAN 21	MAR 28	MAR 28	MAR 27
74	75	DEC 29	DEC 29	DEC 29	MAR 06	MAR 06	MAR 05
75	76	DEC 09	DEC 09		APR 04	FEB 05	

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: 4711-8802
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
76 - 77	NOV 07	JAN 26	JAN 26	MAR 04	MAR 04	JAN 26
77 - 78	JAN 02	JAN 03	JAN 03	MAR 23	JAN 18	JAN 19
78 - 79	DEC 11	JAN 13	JAN 30	MAR 13	JAN 30	JAN 30
79 - 80	JAN 10	JAN 13	MAR 22	MAR 24	MAR 22	MAR 22
80 - 81	DEC 23	DEC 23		MAR 31	MAR 02	
81 - 82	NOV 22	JAN 18		MAR 02	JAN 28	
82 - 83	DEC 06	JAN 18	FEB 17	MAR 07	FEB 24	FEB 17
83 - 84	DEC 18	JAN 19	JAN 19	APR 01	MAR 20	MAR 20
84 - 85	DEC 16	DEC 16	JAN 28	MAR 14	MAR 11	MAR 12
85 - 86	DEC 09	FEB 18	FEB 19	MAR 29	MAR 23	MAR 25
86 - 87	DEC 27	DEC 28	DEC 28	MAR 31	MAR 11	MAR 11
87 - 88	DEC 01	DEC 13	DEC 14	FEB 27	FEB 27	FEB 27

MEDIAN-DATE DEC 17 JAN 15 JAN 29 MAR 22 MAR 04 FEB 27

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIAN, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIAN FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFTAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09

PERIOD OF RECORD: 5908-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
59													
60	NNW 35	NNW 38	N 38	NNE 33	SW 30	S 25	S 24	S 33	S 21	NNE 22	NNE 26	N 34	NNW 38
61	W 33	NNW 34	NNE*28	S *32	S 36	SSE*26	SSE*40	ENE*37	S 67	N 76	NNE 36	NNW 30	N *76
62	WNW 30	WSW 32	NNE 35	S 48	S 31	NNE*35	S 32	SE *38	SSE 24	N *14	NE 24	N 27	S *48
63	NW *43	WNW*36	WNW*28	NE *37	S 28	NE 38	S *27	NNE*31	N *30	N 27	NE 27	NNE 34	NW *43
64	SSE*26	N 31	N *31	S 31	NNE 36	S 33	NNE 38	S 28	S 53	NNE*30	N *32	N 24	S *53
65	N 26	NNE 26	N 37	N *26	SSE*29	N 21	NNE*22	NE *27	SSE*76	NE 26	NNE 36	N 32	SSE*76
66	W 35	N 38	NNE 36	S *32	S 31	NNE 41	S 34	S 29	SSE 91	NNE 23	N 35	NNW 40	SSE*91
67	N 31	NNE 32	S 32	SSW 41	N 24	N 56	N 31	N *24	N 26	S 35	N 28	W 27	N *56
68	SW 28	N 29	NNW 34	NNE 29	S 29	SSE 30	18/ 27	18/ 43	18/ 24	03/ 23	20/ 29	02/ 22	18/ 43
69	27/ 32	35/ 32	03/ 30	33/ 39	05/ 26	17/ 40	18/ 23	16/*40	35/ 36	01/ 26	01/ 36	28/ 31	17/*40
70	31/ 36	32/ 41	28/ 36	01/ 34	16/*29	01/ 27	19/ 22	20/ 38	02/*40	36/ 26	28/ 37	29/ 38	32/*41
71	35/ 37	36/ 30	03/ 34	01/ 35	02/ 25	36/ 23	03/ 27	01/ 41	33/ 35	36/ 24	36/ 35	35/ 38	01/ 41
72	32/ 40	35/ 30	20/ 34	30/ 36	01/ 37	17/ 36	16/ 28	35/ 26	17/ 52	35/ 30	36/ 25	32/ 29	17/ 52
73	34/ 28	27/ 38	01/ 35	17/ 27	02/ 29	17/ 19	17/ 21	17/ 24	34/ 31	17/ 24	23/ 34	35/ 30	27/ 38
74	34/ 40	36/ 33	36/*34	*	*	16/*22	02/ 26	16/*54	17/ 26	35/ 30	32/ 27	36/ 28	16/*54
75	33/ 33	32/ 39	33/ 34	36/ 36	01/ 29	32/ 31	18/ 21	17/ 55	35/ 31	35/ 30	36/ 33	36/ 30	17/ 55
76	33/ 35	01/ 42	01/ 37	36/ 39	01/ 33	18/ 27	16/*22	*	*	35/ 39	01/ 32	35/ 37	01/*42
77	34/ 34	33/ 33	36/ 32	30/ 33	32/ 39	17/ 26	13/ 22	33/ 25	36/ 33	03/ 23	35/ 29	36/ 36	32/ 39
78	33/ 34	35/ 42	33/ 36	01/ 37	36/ 30	17/ 29	18/ 22	17/ 31	04/ 21	33/ 37	36/ 32	34/ 36	35/ 42
79	33/ 40	36/ 25	35/ 42	18/ 34	34/ 35	16/ 24	18/ 21	16/ 26	36/ 25	18/ 62	32/ 26	34/ 30	18/ 62
80	34/ 37	26/*25	33/*31	19/ 41	34/ 35	17/ 28	01/ 27	35/ 23	19/ 38	29/ 28	02/ 34	32/ 33	19/*41
81	36/ 35	10/ 34	29/ 40	01/ 35	35/ 40	18/ 25	18/ 30	06/ 33	19/ 26	04/ 49	03/ 30	35/ 30	04/ 49
82	01/ 38	36/ 29	03/ 40	35/ 32	35/ 27	19/ 26	19/ 26	18/ 67	17/ 53	35/ 38	30/ 36	35/ 35	18/ 67
83	36/ 35	28/ 34	36/ 36	03/ 34	01/ 34	18/ 33	17/ 22	15/ 35	01/ 30	01/ 35	29/ 34	35/ 31	36/ 36
84	36/ 31	34/ 32	01/ 34	03/ 24	17/ 37	17/ 27	17/ 24	19/ 28	02/ 18	02/ 25	01/ 26	34/ 30	17/ 37
85	36/ 29	36/ 29	18/ 32	16/ 35	18/ 30	18/ 33	16/ 44	35/ 30	17/ 25	26/*26	33/ 35	34/ 30	16/*44
86	01/ 23	33/ 34	33/ 32	29/ 36	17/ 30	18/ 26	18/ 19	34/ 27	06/ 20	36/ 27	35/ 28	01/ 31	29/ 36
87	36/ 29	33/ 39	33/ 34	18/ 36	18/ 32	17/ 29	06/ 44	02/ 45	35/ 26	19/ 39	35/ 35	35/ 38	02/ 45
88	36/ 29	31/ 27											36/*29

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420	STATION NAME: YOKOTA AB JAPAN	PERIOD OF RECORD: 5908-8802
LST TO UTC: -09		MONTH: ALL HOURS: ALL
YEAR	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN	
GREATEST	NW 43 01/ 42 35/ 42 S 48 35/ 40 N 56 16/ 44 18/ 67 SSE 91 N 76 28/ 37 NNW 40 SSE 91	
TOTAL OBS	878 782 808 782 803 812 828 816 806 845 857 882 9899	

THE PEAK WIND OF 91 FROM SSE OCCURRED ON 09/25/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF REORD: 5908-8802
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS												MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
JAN	.0	10.1	36.2	19.7	15.7	11.6	4.6	1.6	.5	.0	.0	17.1	15.0	878	
FEB	.0	6.0	33.8	23.1	16.6	14.5	4.1	1.5	.4	.0	.0	17.9	16.0	782	
MAR	.0	3.5	24.9	30.9	19.7	11.0	7.8	1.9	.4	.0	.0	19.1	18.0	808	
APR	.0	3.3	22.6	34.8	20.6	11.6	5.0	1.7	.4	.0	.0	18.8	18.0	782	
MAY	.0	3.6	25.9	38.2	20.3	8.6	2.4	.9	.1	.0	.0	17.8	17.0	803	
JUN	.0	9.4	38.9	32.1	13.1	4.7	1.0	.5	.2	.1	.0	15.5	15.0	812	
JUL	.1	10.9	45.3	29.5	11.0	2.2	.6	.1	.4	.0	.0	14.6	14.0	828	
AUG	.0	8.5	39.8	29.0	12.7	6.1	1.6	.7	1.0	.4	.1	16.2	15.0	816	
SEP	.1	15.9	49.6	21.3	7.6	2.6	1.1	.4	.4	.5	.5	14.2	13.0	806	
OCT	.0	19.3	43.9	21.4	9.1	3.8	1.1	.9	.2	.1	.1	14.2	13.0	845	
NOV	.0	22.1	41.8	16.6	11.4	5.1	1.8	1.3	.0	.0	.0	14.3	12.0	857	
DEC	.3	19.2	40.2	17.5	11.1	7.1	3.6	.8	.1	.0	.0	14.9	13.0	882	
ANNUAL	.1	11.1	37.1	26.0	14.0	7.4	2.9	1.0	.3	.1	.1	16.2	15.0	9899	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JAN HOURS: 00-02			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		8.9	6.9	3.3	.5	.3							20.0	6.1	5.0
020-040		1.1	1.4	.4									2.9	5.8	6.0
050-070		.5	.1										.6	3.5	3.0
(E) 080-100		.5											.5	2.0	2.0
- 110-130		.2											.2	2.5	2.5
140-160		.4	.1										.5	3.8	4.0
(S) 170-190		.3		.2									.5	5.0	2.0
200-220		.8	.1										.9	3.3	3.0
230-250		3.4	.3	.2									4.0	3.3	3.0
(W) 260-280		12.0	3.8	.2									16.0	3.4	3.0
290-310		12.9	2.2										15.1	2.9	3.0
320-340		4.6	2.8	1.0	.2	.1							8.7	5.3	4.0
VARIABLE			.1	.2									.3	10.7	10.0
CALM		/	/	/	/	/	/	/	/	/	/	/	29.7	/	/
TOTALS		45.6	17.8	5.5	.7	.4							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	8.0	2.8	1.0	.1							19.9	6.3	6.0
020-040	1.7	1.0	.4		.1							3.2	6.0	4.0
050-070		.4										.4	1.5	1.0
(E) 080-100		.2										.2	1.0	1.0
110-130		.2										.2	1.0	1.0
140-160		.4										.4	1.3	1.0
(S) 170-190		.2	.2									.4	4.3	4.0
200-220		.6										.6	2.2	2.0
230-250		2.6	.9									3.4	3.5	3.0
(W) 260-280		13.5	3.4									17.0	3.2	3.0
290-310		11.9	2.7									14.6	3.2	3.0
320-340		4.3	1.6	.4								6.3	4.1	3.0
VARIABLE			.2	.1								.3	9.3	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	32.8	/	/
TOTALS	44.1	18.0	3.7	1.0	.2							100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JAN HOURS: 06-08			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		6.7	4.6	2.8	.8	.1							14.9	6.4	5.0
020-040		1.9	1.4	.1	.3								3.8	5.5	4.0
050-070		.3	.1										.4	4.5	3.5
(E) 080-100		.1											.1	4.0	4.0
110-130															
140-160		.3	.1										.4	2.5	2.0
(S) 170-190			.1										.1	5.0	5.0
200-220		.8	.1										.9	2.0	1.5
230-250		4.2	1.2										5.4	3.3	2.5
(W) 260-280		13.5	4.7										18.3	3.3	3.0
290-310		12.2	2.0	.2									14.4	3.1	3.0
320-340		4.8	2.4	.4	.1								7.7	4.4	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	33.5	/	/
TOTALS		44.8	16.7	3.5	1.2	.1							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	7.2	5.9	4.6	2.0	.2							20.0	7.6	6.0	
020-040	5.2	5.4	1.4									11.9	5.2	5.0	
050-070	3.5	1.5	.1									5.2	3.7	3.0	
(E) 080-100	2.9	.5										3.4	3.1	3.0	
110-130	3.3	.4										3.8	2.9	3.0	
140-160	3.4	1.5										4.9	3.7	4.0	
(S) 170-190	3.1	1.0										4.1	3.5	3.0	
200-220	1.6	.5	.3									2.5	4.2	3.0	
230-250	1.8	1.1	.2									3.1	4.6	4.0	
(W) 260-280	2.9	.3										3.2	2.6	2.0	
290-310	3.1	.1	.1									3.3	2.8	2.0	
320-340	2.9	3.2	1.8	.6								8.6	7.1	6.0	
VARIABLE		.9	.4									1.3	8.3	8.0	
CALM	/	/	/	/	/	/	/	/	/	/	/	24.6	/	/	
TOTALS	40.9	22.3	8.9	2.6	.2							100.0	4.0	4.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JAN HOURS: 12-14			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.3	5.3	4.6	3.2	1.1							17.5	10.0	10.0
020-040		5.1	5.4	3.8	1.0								15.2	7.2	7.0
050-070		5.1	2.8	.3									8.2	4.2	4.0
(E) 080-100		4.8	2.7										7.5	3.9	4.0
110-130		7.2	3.7										10.9	3.9	4.0
140-160		7.0	4.7	.4	.2								12.4	4.8	4.0
(S) 170-190		3.1	2.2	.5									5.8	5.0	4.0
200-220		1.2	.2	.3									1.7	5.0	3.5
230-250		1.2	.2	.4									1.8	5.1	3.0
(W) 260-280		.4	.5	.4	.2								1.6	8.9	8.0
290-310		.2	.2	.1	.1								.6	7.3	5.5
320-340		1.7	1.4	1.4	1.5	.2							6.2	9.4	9.0
VARIABLE		1.5	1.0	.4									2.9	10.4	9.0
CALM		/	/	/	/	/	/	/	/	/	/	/	7.6	/	/
TOTALS		40.3	30.8	13.2	6.6	1.3							100.0	6.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-1	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	8.1	7.8	4.4	1.1							26.0	9.9	10.0
020-040	5.5	6.5	2.9	1.0								15.8	6.8	6.0
050-070	3.8	2.5	.2									6.5	4.3	4.0
(E) 080-100	4.2	1.3										5.5	3.2	2.0
110-130	6.0	1.9										8.0	3.4	3.0
140-160	5.7	5.4	.1	.2								11.4	4.7	4.5
(S) 170-190	2.8	3.5	.3	.1								6.8	5.4	5.0
200-220	.5	.2										.8	3.4	3.0
230-250	.6	.4										1.1	4.1	4.0
(W) 260-280	.9	.8	.5	.3								2.5	7.3	6.0
290-310	.2	.3	.3									.9	7.4	8.5
320-340	1.0	.9	.6	.3	.1							2.9	8.5	7.0
VARIABLE		1.3	.2	.1								1.6	8.8	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	10.4	/	/
TOTALS	35.8	33.1	12.9	6.4	1.2							100.0	6.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	8.6	14.3	7.4	2.3	.4						33.0	7.7	7.0
020-040	1.9	3.9	.9								6.7	6.1	6.0
050-070	1.7	.3									2.0	2.9	2.0
(E) 080-100	1.0	.1									1.1	2.6	2.0
110-130	1.1	.1									1.2	2.5	2.0
140-160	1.4	.3									1.7	3.3	3.0
(S) 170-190	1.3										1.3	2.9	3.0
200-220	.4										.4	2.3	2.0
230-250	2.4	.2									2.6	3.0	3.0
(W) 260-280	9.7	3.5									13.2	3.7	4.0
290-310	7.5	1.4	.1								9.0	3.2	3.0
320-340	4.9	2.4	1.1								8.4	4.7	4.0
VARIABLE	.3	.1									.4	8.3	8.0
CALM	/	/	/	/	/	/	/	/	/	/	18.9	/	/
TOTALS	41.9	26.8	9.6	2.3	.4						100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	9.1	10.1	4.6	1.0	.2						25.1	6.5	6.0
020-040	2.3	1.7	.5	.1							4.6	5.5	5.0
050-070	.4	.1									.5	3.8	4.0
(E) 080-100	.1										.1	2.0	2.0
110-130	.1										.1	3.0	3.0
140-160	.3	.2									.5	4.0	4.0
(S) 170-190	.8										.8	1.9	2.0
200-220	.2										.2	3.5	3.5
230-250	2.8	.9									3.7	3.0	2.0
(W) 260-280	11.9	3.0	.2	.1							15.3	3.5	3.0
290-310	12.4	1.3									13.7	2.8	3.0
320-340	7.5	2.2	.6		.1	.1					10.5	4.2	3.0
VARIABLE			.2								.2	13.0	13.0
CALM	/	/	/	/	/	/	/	/	/	/	24.7	/	/
TOTALS	47.9	19.5	6.1	1.2	.3	.1					100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIN SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	7.9	4.8	1.9	.4							22.1	7.6	7.0
020-040	3.1	3.3	1.3	.3	.0							8.0	6.3	6.0
050-070	2.0	.9	.1									3.0	4.0	4.0
(E) 080-100	1.7	.6										2.3	3.4	3.0
110-130	2.3	.8										3.0	3.5	3.0
140-160	2.4	1.5	.1	.1								4.0	4.4	4.0
(S) 170-190	1.5	.9	.1	.0								2.5	4.6	4.0
200-220	.8	.1	.1									1.0	3.7	3.0
230-250	2.4	.6	.1									3.1	3.6	3.0
(W) 260-280	8.1	2.5	.2	.1								10.9	3.6	3.0
290-310	7.6	1.3	.1	.0								9.0	3.1	3.0
320-340	4.0	2.1	.9	.3	.1	.0						7.4	5.6	4.0
VARIABLE		.5	.3	.1								.9	9.6	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	22.8	/	/
TOTALS	43.0	23.0	8.1	2.8	.5							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	17.9	20.3	1.0									39.2	5.1	5.0
020-040	5.8	4.1										10.0	4.3	4.0
050-070	3.4	.7										4.1	2.7	2.0
(E) 080-100	.7											.7	1.5	1.5
110-130	.3											.3	1.0	1.0
140-160	1.4	.3										1.7	2.6	2.0
(S) 170-190	1.4											1.4	3.0	3.0
200-220	1.7											1.7	2.6	2.0
230-250	.3											.3	3.0	3.0
(W) 260-280	3.8	.3										4.1	2.8	3.0
290-310	4.1	1.0										5.2	3.2	3.0
320-340	5.2	9.3	2.4									16.8	5.9	5.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	14.4	/	/
TOTALS	46.0	36.0	3.4									100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 291

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: FEB HOURS: 00-02			
WIND SPEED IN KNOTS															
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		11.1	10.7	2.8	.2								24.9	5.7	5.0
020-040		1.6	1.9	.4	.1								4.0	5.9	6.0
050-070		1.1	.2	.1									1.4	3.4	2.0
(E) 080-100		.9	.1										1.1	2.4	2.0
110-130		.7	.1										.8	2.7	2.0
140-160		.2											.2	1.5	1.5
(S) 170-190		.5	.4										.8	4.1	3.0
200-220		.2	.4	.1									.7	5.0	5.5
230-250		3.5	1.1	.1									4.7	3.4	2.0
(W) 260-280		10.0	2.2										12.2	3.2	3.0
290-310		11.0	2.1	.2									13.3	3.1	3.0
320-340		9.1	2.6	.9	.5								13.1	4.5	3.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	22.7	/	/
TOTALS		49.9	21.8	4.6	.8								100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VESUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	9.4	6.7	2.0	.4	.1						18.6	5.5	4.0
020-040	1.9	.9	.5								3.3	5.0	4.0
050-070	.5	.5									.9	4.9	4.5
(E) 080-100	.5										.5	2.8	3.0
110-130	.4										.4	2.3	2.0
140-160	.2	.2									.5	4.3	4.5
(S) 170-190	.2	.2									.5	6.8	7.0
200-220	.6	.5									1.1	4.8	4.0
230-250	2.5	.8									3.3	3.5	4.0
(W) 260-280	12.6	2.8	.1								15.5	3.2	3.0
290-310	13.3	1.3	.1								14.7	2.9	3.0
320-340	7.3	1.4	1.1	.4							10.1	4.7	3.0
VARIABLE		.1	.1								.2	9.5	9.5
CALM	/	/	/	/	/	/	/	/	/	/	30.4	/	/
TOTALS	49.4	15.2	4.1	.8	.1						100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: FEB HOURS: 06-08			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		9.2	7.2	3.1	.5			.2					20.1	6.1	5.0
020-040		1.6	.8	.5									2.9	4.8	4.0
050-070		.2	.1										.4	3.7	3.0
(E) 080-100		.4											.4	2.3	2.0
110-130		.2											.2	1.0	1.0
140-160		.4											.4	1.3	1.0
(S) 170-190		.2											.2	3.0	3.0
200-220		.9	.6	.1									1.6	4.4	3.5
230-250		5.3	.5	.2									6.0	3.1	3.0
(W) 260-280		12.5	2.4										14.8	3.1	3.0
290-310		10.4	2.4	.1									12.8	3.0	2.0
320-340		5.4	2.6	1.3	.1								9.4	5.0	4.0
VARIABLE			.1	.1									.2	13.0	13.0
CALM		//////////											30.4	//////////	
TOTALS		46.7	16.6	5.4	.7			.2					100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	7.5	9.0	6.9	2.5	.4						26.3	7.9	7.0
020-040	5.5	5.3	1.3	.8							13.0	5.8	5.0
050-070	4.9	1.5	.2								6.7	3.7	3.0
(E) 080-100	2.8	.9									3.8	3.2	2.5
110-130	4.0	1.1									5.1	3.6	3.0
140-160	2.7	1.2									3.9	3.5	3.0
(S) 170-190	2.7	.8	.2								3.8	4.1	3.0
200-220	1.9	.2	.2								2.4	3.3	2.0
230-250	1.8	.8	.2								2.8	3.8	2.0
(W) 260-280	1.5	.7									2.2	3.4	3.0
290-310	2.2	.9	.2								3.4	3.7	3.0
320-340	2.6	3.3	2.2	.6	.1						8.8	7.6	7.0
VARIABLE		.8	.1	.1							1.1	9.2	9.0
CALM	/	/	/	/	/	/	/	/	/	/	16.8	/	/
TOTALS	40.1	26.5	11.5	4.0	.5						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88									
		LST TO UTC: - 9		MONTH: FEB HOURS: 12-14									
		WIND SPEED IN KNOTS											
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010		3.8	7.7	5.8	4.0	.5	.2						21.9
020-040		4.9	5.9	3.3	1.4								15.5
050-070		4.6	4.4	.6									9.5
(E) 080-100		5.7	3.5	.1									9.3
110-130		4.9	4.6										9.5
140-160		4.4	5.8	1.1									11.2
(S) 170-190		2.1	2.8	.8	.2								6.0
200-220		.9	.5	.4									1.8
230-250		.6	.2	.1	.1								1.1
(W) 260-280		.5	.2	.4									1.1
290-310		.6	.1										.7
320-340		1.3	1.4	1.8	1.5	.2	.2						6.5
VARIABLE			2.1	1.2									3.3
CALM		/	/	/	/	/	/	/	/	/	/	/	2.6
TOTALS		34.3	39.2	15.6	7.2	.7	.4						100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	8.7	8.8	5.1	1.2							27.4	10.3	10.0
020-040	5.2	6.8	2.5	1.2	.2							15.9	7.2	6.0
050-070	3.2	3.5	.4									7.1	4.6	5.0
(E) 080-100	2.9	.9	.1									4.0	3.7	3.0
110-130	5.5	2.7	.1									8.4	4.0	4.0
140-160	4.9	6.9	1.1									13.0	5.5	5.0
(S) 170-190	1.6	4.6	1.6	.1								8.0	7.2	7.0
200-220	.5	.6										1.1	4.9	5.0
230-250	.1	.4	.1									.6	6.4	5.0
(W) 260-280	.5	.8		.4								1.6	7.5	6.0
290-310	.4	.7		.2								1.3	7.1	6.0
320-340	.9	1.8	1.6	.6	.2							5.2	9.8	9.0
VARIABLE		1.2	.6									1.8	8.9	9.0
CALM	//////////											4.7	//////////	
TOTALS	29.4	39.6	16.9	7.6	1.6							100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	14.4	9.5	1.5	.4							33.3	8.0	8.0
020-040	4.4	4.1	1.6	.1								10.2	5.9	5.0
050-070	1.5	1.1	.1									2.7	4.2	4.0
(E) 080-100	.8											.8	2.4	2.0
110-130	2.5	.9	.1									3.5	3.5	3.0
140-160	2.8	1.4										4.2	3.5	3.0
(S) 170-190	3.7	1.3	.4									5.3	4.3	4.0
200-220	1.4	.6										2.0	3.5	3.0
230-250	1.6	.4										2.0	2.7	2.0
(W) 260-280	4.1	1.3	.4									5.8	4.1	3.0
290-310	4.6	.8	.2		.1							5.8	3.8	3.0
320-340	3.8	3.1	1.5	.7	.2							9.3	6.8	6.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	15.0	/	/
TOTALS	38.7	29.4	13.8	2.3	.7							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.6	13.3	5.2	.8								29.9	6.4	6.0
020-040	2.6	2.5	.6	.1								5.8	5.5	5.0
050-070	1.2	.7										1.9	3.9	3.0
(E) 080-100	.7											.7	2.0	2.0
110-130	.6		.1									.7	3.2	1.5
140-160	.9	.1										1.1	3.0	2.0
(S) 170-190	.4	.6	.1									1.1	6.2	6.0
200-220	.7	.4										1.1	4.0	3.0
230-250	2.6	.7										3.3	3.1	2.0
(W) 260-280	10.0	2.4	.2									12.6	3.3	3.0
290-310	7.5	.9										8.5	2.8	3.0
320-340	8.2	3.8	1.5	.1								13.7	4.8	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	19.8	/	/
TOTALS	46.0	25.4	7.7	1.0								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	9.7	5.5	1.9	.3	.1						25.3	7.6	7.0
020-040	3.5	3.5	1.3	.5	.0							8.8	6.3	6.0
050-070	2.1	1.5	.2									3.8	4.4	4.0
(E) 080-100	1.8	.7	.0									2.6	3.6	3.0
110-130	2.4	1.2	.0									3.6	3.9	4.0
140-160	2.1	2.0	.3									4.3	4.8	5.0
(S) 170-190	1.4	1.3	.4	.0								3.2	5.8	5.0
200-220	.9	.5	.1									1.5	4.3	3.0
230-250	2.3	.6	.1	.0								3.0	3.5	3.0
(W) 260-280	6.5	1.6	.1	.0								8.2	3.4	3.0
290-310	6.2	1.2	.1	.0	.0							7.6	3.2	3.0
320-340	4.8	2.5	1.5	.6	.1	.0						9.5	6.2	4.0
VARIABLE		.5	.3	.0								.8	9.0	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	17.8	/	/
TOTALS	41.8	26.8	9.9	3.0	.4	.1						100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.2	26.2	6.6	.2								46.2	6.4	6.0
020-040	5.8	4.9	1.2	.4								12.4	5.5	5.0
050-070	1.2	2.1	.2									3.5	4.9	6.0
(E) 080-100	.8											.8	2.0	2.0
110-130	1.2	.2										1.4	2.1	2.0
140-160	.4	.2										.6	3.0	2.0
(S) 170-190	.8											.8	2.8	2.5
200-220	.2											.2	1.0	1.0
230-250	.6											.6	2.7	2.0
(W) 260-280	2.1											2.1	2.5	2.5
290-310	2.9	.6	.2									3.7	3.8	3.0
320-340	5.6	4.9	4.1	.2	.2							15.1	7.2	6.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	12.6	/	/
TOTALS	34.8	39.1	12.3	.8	.2							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 485

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88									
		LST TO UTC: - 9		MONTH: MAR HOURS: 00-02									
		WIND SPEED IN KNOTS											
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010		13.5	10.3	3.3	1.1	.2							28.4
020-040		2.5	2.3	.6									5.4
050-070		1.6	.1										1.7
(E) 080-100		.9	.4										1.3
110-130		1.3	.1										1.4
140-160		1.0											1.0
(S) 170-190		.4	.2		.3								1.0
200-220		.3	.2										.5
230-250		2.4	.4										2.8
(W) 260-280		9.0	1.9	.3	.1								11.4
290-310		7.1	1.5										8.6
320-340		8.6	5.4	.9	.5	.2							15.5
VARIABLE													
CALM		/	/	/	/	/	/	/	/	/	/	/	21.1
TOTALS		48.6	22.8	5.1	2.0	.4							100.0
TOTAL NUMBER OF OBSERVATIONS 933													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.1	11.7	3.4	.9	.2							26.3	6.3	6.0
020-040	2.1	1.6	.8	.2								4.7	5.9	5.0
050-070	1.4	.3										1.7	3.0	2.0
(E) 080-100	.4	.4										.9	4.0	4.5
110-130	.6											.6	2.0	2.0
140-160	.9											.9	2.6	2.5
(S) 170-190	.1		.1	.2								.4	16.3	20.0
200-220	.9	.1										1.0	2.4	2.0
230-250	3.9	.4		.1								4.4	3.0	2.0
(W) 260-280	10.3	2.4	.1	.1								12.9	3.5	3.0
290-310	7.3	1.2										8.5	2.9	3.0
320-340	5.8	3.6	1.6	.2	.1							11.4	5.3	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	26.5	/	/
TOTALS	43.8	21.7	5.9	1.6	.5							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50 >4			
(N) 350-010	11.3	9.0	4.8	2.0	.6						27.8	6.9	5.0
020-040	3.2	2.3	.1	.1							5.7	4.4	4.0
050-070	1.8	.2	.1								2.1	3.4	3.0
(E) 080-100	.6										.6	2.8	3.0
110-130	.8										.8	2.4	2.0
140-160	.6										.6	3.0	3.0
(S) 170-190	.6		.2	.3							1.2	8.2	4.0
200-220	1.8	.1									1.9	2.7	2.5
230-250	3.1	.3									3.4	2.7	2.0
(W) 260-280	9.2	3.0	.1								12.3	3.3	3.0
290-310	7.9	1.2	.1								9.2	3.0	3.0
320-340	5.5	3.2	1.8	.5	.2						11.3	6.2	5.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	23.0	/	/
TOTALS	46.4	19.3	7.2	2.9	.8						100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	10.1	5.5	3.8	.6	.2						26.0	8.9	8.0
020-040	5.2	5.7	3.2	.4	.1							14.6	6.8	6.0
050-070	5.2	2.9	.2									8.3	4.3	4.0
(E) 080-100	4.6	2.0										6.7	3.7	3.0
110-130	5.1	2.7	.1									7.8	4.1	4.0
140-160	4.4	2.5	.5	.2								7.6	4.7	4.0
(S) 170-190	2.0	2.2	.8	.3								5.3	6.5	6.0
200-220	1.1	.4	.1									1.6	4.1	3.0
230-250	.4											.4	2.0	2.0
(W) 260-280	.4	.1		.1								.6	6.0	3.0
290-310	1.0	.3										1.3	2.7	2.0
320-340	2.9	2.0	2.0	2.2	.3	.2						9.7	9.6	9.0
VARIABLE	.1	.4	.1									.6	7.3	7.0
CALM	/	/	/	/	/	/	/	/	/	/	/	9.4	/	/
TOTALS	38.2	31.3	12.5	7.0	1.0	.4						100.0	6.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: MAR HOURS: 12-14											
DIRECTION (DEGREES)		WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.3	7.7	6.6	3.8	1.0	.4	.1					21.8	10.7	10.0
020-040		3.9	5.6	3.4	.6	.3							13.9	7.6	7.0
050-070		3.9	3.7	.6									8.2	5.3	5.0
(E) 080-100		2.8	3.3	.2									6.3	5.0	5.0
110-130		4.2	5.1	.5	.1								9.9	5.3	5.0
140-160		4.5	8.0	2.5	.3	.1							15.4	6.8	7.0
(S) 170-190		3.2	3.4	1.7	.5	.3							9.2	7.3	6.0
200-220		.6	.4	.1									1.2	4.6	4.0
230-250		.6	.6	.3	.2								1.8	7.3	6.0
(W) 260-280		.1			.1								.2	11.0	11.0
290-310		.6	.1	.1	.1	.1							1.1	7.5	4.0
320-340		.6	1.0	.9	1.9	1.1	.1						5.6	13.8	15.5
VARIABLE		.4	1.7	.9	.2								3.2	8.7	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	2.2	/	/
TOTALS		27.7	40.6	17.8	7.8	2.9	.5	.1					100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	8.0	6.3	5.7	1.3	.5	.1					24.8	11.0	10.0
020-040	1.7	7.7	2.8	1.5	.2	.1						14.1	8.6	7.0
050-070	2.5	1.8	.5	.2								5.1	5.7	5.0
(E) 080-100	1.8	2.5	.3									4.6	5.1	5.0
110-130	2.3	4.3	1.2									7.7	6.3	6.5
140-160	2.9	9.0	4.8	.3								17.1	7.6	8.0
(S) 170-190	2.5	4.1	3.4	.4	.2							10.6	8.2	8.0
200-220	1.2	1.2	.8									3.1	6.6	6.0
230-250	.8	.3	.1									1.2	4.2	4.0
(W) 260-280	.4	.3	.3			.1						1.2	8.7	6.0
290-310	.6	.3	.1									1.1	4.8	4.0
320-340	.6	1.0	1.3	1.1	.4							4.4	11.7	12.0
VARIABLE	.4	.3	.2	.2								1.2	12.5	12.0
CALM	/	/	/	/	/	/	/	/	/	/	/	3.8	/	/
TOTALS	20.2	40.9	22.2	9.4	2.3	.7	.1					100.0	8.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: MAR HOURS: 18-20			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		7.3	11.5	8.8	3.8	.9							32.3	8.8	8.0
020-040		3.5	3.9	.9	.3	.1							8.7	6.0	5.0
050-070		1.9	.8	.1									2.8	4.1	4.0
(E) 080-100		1.7	1.1	.1		.1							3.0	4.6	4.0
110-130		1.5	2.6	.4									4.5	5.9	7.0
140-160		3.9	6.0	.5									10.4	5.4	5.0
(S) 170-190		2.6	3.3	1.1									7.0	6.1	6.0
200-220		1.5	1.8										3.3	4.9	5.0
230-250		1.6	.2	.1		.1							1.9	3.3	3.0
(W) 260-280		2.4	.8	.1	.1								3.3	4.5	4.0
290-310		2.2	1.2	.3									3.7	4.5	4.0
320-340		2.0	3.7	1.7	.8	.2							8.4	7.9	7.0
VARIABLE		.1	.2	.1									.4	12.8	13.5
CALM		/	/	/	/	/	/	/	/	/	/	/	10.2	/	/
TOTALS		32.1	37.0	14.3	5.1	1.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.1	14.3	7.4	2.4	.2							33.4	7.5	7.0
020-040	2.3	3.7	.6									6.6	5.7	5.0
050-070	1.5	.5										2.0	3.6	4.0
(E) 080-100	1.1	.6										1.7	4.1	4.0
110-130	1.3	.6										1.9	3.8	3.5
140-160	1.6	1.3	.1									3.0	4.7	4.0
(S) 170-190	1.3	.4	.2	.2								2.2	5.5	4.0
200-220	.8	.2										1.0	3.3	2.0
230-250	1.9	.3										2.3	3.1	3.0
(W) 260-280	6.6	1.4										8.0	3.2	3.0
290-310	6.7	1.5		.1								8.3	3.4	3.0
320-340	7.3	4.0	2.5	.1	.1							14.0	5.6	4.0
VARIABLE			.1									.1	6.0	6.0
CALM	/	/	/	/	/	/	/	/	/	/	/	15.6	/	/
TOTALS	41.5	28.9	10.8	2.8	.3							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: MAR HOURS: ALL			
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		7.8	10.7	5.8	2.9	.6	.1	.0					27.6	8.1	7.0
020-040		3.0	4.1	1.6	.4	.1	.0						9.2	6.8	6.0
050-070		2.5	1.3	.2	.0								4.0	4.5	4.0
(E) 080-100		1.7	1.3	.1			.0						3.1	4.4	4.0
110-130		2.1	1.9	.3	.0								4.3	5.0	5.0
140-160		2.5	3.3	1.1	.1	.0							7.0	6.2	6.0
(S) 170-190		1.6	1.7	.9	.3	.1							4.6	7.3	6.0
200-220		1.0	.6	.1									1.7	4.6	4.0
230-250		1.8	.3	.1	.0								2.3	3.4	3.0
(W) 260-280		4.8	1.2	.1	.1		.0						6.2	3.6	3.0
290-310		4.2	.9	.1	.0	.0							5.2	3.4	3.0
320-340		4.2	3.0	1.6	.9	.3	.0						10.0	7.2	5.0
VARIABLE		.1	.3	.2	.1	.0							.7	9.6	8.5
CALM		/	/	/	/	/	/	/	/	/	/	/	14.0	/	/
TOTALS		37.3	30.2	12.2	4.8	1.1	.1						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7449

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	15.4	27.1	5.3	.1	.1						48.1	6.1	6.0
020-040	4.7	4.9	.2								9.7	4.7	5.0
050-070	1.7	.6									2.2	3.7	4.0
(E) 080-100	.4	.3									.8	4.1	3.0
110-130	.8	.6									1.3	4.2	3.5
140-160	1.2	.4	.1	.1							1.9	4.8	3.0
(S) 170-190	1.1	.3	.1								1.6	5.1	4.0
200-220	.3	.1									.4	4.3	4.0
230-250	.3	.3									.7	3.3	3.5
(W) 260-280	1.7	.2									1.9	2.8	3.0
290-310	2.3	.6									2.9	3.2	3.0
320-340	5.0	6.1	2.2	.4							13.7	6.4	6.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	14.8	/	/
TOTALS	34.9	41.5	7.9	.6	.1						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 903

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88										
		LST TO UTC: - 9		MONTH: APR HOURS: 00-02										
DIRECTION (DEGREES)		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		9.7	10.4	4.0	.2							24.3	5.9	5.0
020-040		2.3	2.1	.6	.2							5.2	5.6	5.0
050-070		1.3	1.0									~	4.0	4.0
(E) 080-100		1.0										1.0	2.0	1.0
110-130		1.3	.3									1.7	3.2	3.0
140-160		2.1	1.4	.4	.1							4.1	5.5	4.0
(S) 170-190		1.3	1.4	1.1	.1							4.0	6.8	7.0
200-220		.7	.6	.3	.3							1.9	7.5	7.0
230-250		1.2	.4	.1								1.8	3.8	2.5
(W) 260-280		7.1	1.7									8.8	3.4	3.0
290-310		6.3	1.0									7.3	3.0	3.0
320-340		6.8	2.1	.8								9.7	4.2	3.0
VARIABLE		.1	.2									.3	9.3	10.0
CALM		//////////										27.6	//////////	
TOTALS		41.1	22.5	7.5	.9							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.8	10.7	2.2	.1								22.8	5.4	5.0
020-040	1.9	.9	.7	.2								3.7	6.3	4.0
050-070	.8	.4	.1	.2								1.6	5.6	4.5
(E) 080-100	1.1	.2										1.3	3.1	3.0
110-130	.8											.8	3.0	4.0
140-160	1.1	1.1	.2	.3								2.8	6.8	6.0
(S) 170-190	.6	.9	.7	.1								2.2	7.4	7.0
200-220	.8	.7	.3									1.8	6.3	6.0
230-250	1.8	.6										2.3	3.3	2.0
(W) 260-280	7.3	2.6										9.9	3.5	3.0
290-310	7.7	1.1	.1									8.9	3.0	3.0
320-340	6.0	1.8	.9	2								8.9	4.2	3.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	33.1	/	/
TOTALS	39.7	21.0	5.2	1.1								100.0	3.1	.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88												
		LST TO UTC: - 9		MONTH: APR HOURS: 06-08												
		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		10.1	10.7	3.2	1.6	.2							25.8	6.4	5.0	
020-040		3.4	2.0	.4									5.9	4.8	4.0	
050-070		1.0	1.1	.1									2.2	4.8	5.0	
(E) 080-100		.7	.3										1.0	3.8	4.0	
110-130		2.4	.2	.1									2.8	3.3	3.0	
140-160		2.8	.4	.3	.1								3.7	4.5	3.0	
(S) 170-190		1.1	.9	.9	.5								3.2	7.2	6.0	
200-220		.8	.4	.6									1.8	6.6	7.0	
230-250		2.2	.3	.1									2.7	3.3	2.0	
(W) 260-280		5.4	2.0	.1									7.6	3.6	3.0	
290-310		4.7	.2	.2									5.1	2.9	2.0	
320-340		4.1	3.1	.6	.1								7.9	5.1	4.0	
VARIABLE																
CALM		/	/	/	/	/	/	/	/	/	/	/	30.4	/	/	
TOTALS		38.7	21.6	6.6	2.1	.2							100.0	3.6	4.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: MAR 78 - FEB 88

LST TO UTC: - 9

MONTH: APR

HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	9.1	3.9	2.6	.2							19.4	8.4	7.0
020-040	5.1	7.1	1.4	.6	.1							14.3	6.1	5.0
050-070	4.7	3.3	.6									8.6	4.6	4.0
(E) 080-100	4.6	2.0										6.6	3.7	3.0
110-130	5.6	2.1										7.7	3.6	3.0
140-160	6.8	6.8	2.1	.3	.1							16.1	5.8	5.0
(S) 170-190	2.7	3.1	2.2	.6	.1							8.7	7.5	6.5
200-220	1.6	.7	.3	.2	.1							2.9	6.2	4.0
230-250	.3	.1		.1								.6	6.6	4.0
(W) 260-280	.2	.1										.3	3.0	2.0
290-310	.4	.2	.1	.1								.9	6.5	4.5
320-340	1.0	.8	1.4	.3	.1							3.7	9.1	10.0
VARIABLE		1.7	.2									1.9	7.9	7.0
CALM	/	/	/	/	/	/	/	/	/	/	/	8.4	/	/
TOTALS	36.7	37.1	12.2	4.8	.7							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: APR HOURS: 12-14											
		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		2.4	3.7	5.6	1.2	.8	.1						13.8	10.0	10.0
020-040		2.6	5.1	2.0	1.1	.2							11.0	7.7	6.0
050-070		1.9	4.9	.6									7.3	5.8	6.0
(E) 080-100		2.4	3.4										5.9	4.9	5.0
110-130		4.1	5.7	.3	.1								10.2	5.4	5.0
140-160		3.7	10.4	5.1	1.2	.7							21.1	8.4	8.0
(S) 170-190		1.4	5.6	4.9	2.6	.7							15.1	10.5	10.0
200-220		.8	1.3	.7	.6	.6							3.9	10.7	9.0
230-250		.1	.1										.2	5.5	5.5
(W) 260-280		.6											.6	7.0	7.0
290-310		.6	.2										.8	3.4	3.0
320-340		1.2	1.2	.7	.1								3.2	6.4	5.0
VARIABLE		2.3	1.8	.1									4.2	9.4	9.0
CALM		/	/	/	/	/	/	/	/	/	/	/	2.7	/	/
TOTALS		21.2	44.5	21.7	7.0	3.0	.1						100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	4.9	3.6	2.8	.6	.1						14.0	10.3	9.5
020-040	2.3	3.6	1.1	.9	.1							8.0	7.6	6.0
050-070	1.9	2.0	.2									4.1	5.1	5.0
(E) 080-100	1.6	2.8	.2									4.6	5.8	6.0
110-130	2.1	4.9	.8									7.8	6.1	6.0
140-160	2.6	12.3	8.9	1.7	.1							25.6	8.9	9.0
(S) 170-190	.9	6.2	11.4	2.7	.7							21.9	11.1	11.0
200-220	.3	.6	1.1	.9	.2							3.1	12.3	12.5
230-250	.4	.2	.3									1.0	6.9	5.0
(W) 260-280		.2	.1									.3	8.7	7.0
290-310	.3			.1								.4	6.3	2.5
320-340	.7	1.4	.	.3	.1							3.4	8.8	8.0
VARIABLE		1.7	.8	.6	.1							3.1	10.6	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	2.7	/	/
TOTALS	15.2	40.8	29.4	10.0	1.9	.1						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	8.2	4.1	1.6	.4	.1						18.8	8.2	7.0
020-040	2.3	3.0	.6		.1							6.0	5.9	5.0
050-070	1.2	1.7	.2	.1								3.2	5.3	5.0
(E) 080-100	1.1	2.0	.1									3.2	5.0	5.0
110-130	2.8	3.2	.6									6.6	5.3	5.0
140-160	5.1	10.1	4.4	.3	.1							20.1	7.1	7.0
(S) 170-190	3.7	10.6	5.4	1.6	.2							21.4	8.3	8.0
200-220	1.0	1.7	.7	.3								3.7	7.4	6.0
230-250	.3	.1	.1									.6	4.4	3.0
(W) 260-280	.7	.4	.4									1.6	5.9	5.0
290-310	.8	.3		.1								1.2	5.5	4.0
320-340	1.6	1.8	.4	.6	.1							4.4	7.4	6.0
VARIABLE		.3	.1	.1								.6	10.0	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	8.7	/	/
TOTALS	24.9	43.4	17.1	4.7	.9	.1						100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	8.3	3.3	.9								18.8	6.8	6.0
020-040	2.8	3.9	1.4	.2	.1							8.4	6.7	6.0
050-070	1.3	1.8	.1									3.2	5.3	5.0
(E) 080-100	2.4	.3										2.8	3.2	3.0
110-130	2.4	1.0										3.4	3.5	4.0
140-160	5.0	4.2	.6	.1								9.9	5.0	4.0
(S) 170-190	2.6	4.8	1.9	.3								9.6	7.1	6.5
200-220	1.8	1.3	.4	.2								3.8	5.8	5.0
230-250	2.3	.3										2.7	2.9	2.0
(W) 260-280	4.4	1.0	.2									5.7	3.6	3.0
290-310	3.4	.3		.1								3.9	3.2	2.0
320-340	3.3	2.1	.6	.3	.1							6.4	5.	4.0
VARIABLE	.1	.1										.2	5.5	5.5
CALM	/	/	/	/	/	/	/	/	/	/	/	21.2	/	/
TOTALS	38.0	29.4	8.5	2.1	.2							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	8.3	3.7	1.4	.3	.0						19.7	7.4	6.0
020-040	2.8	3.5	1.0	.4	.1							7.8	6.5	6.0
050-070	1.8	2.0	.2	.0								4.1	5.1	5.0
(E) 080-100	1.9	1.4	.0									3.3	4.4	4.0
110-130	2.7	2.2	.2	.0								5.1	4.7	4.0
140-160	3.6	5.9	2.8	.5	.1							12.9	7.2	7.0
(S) 170-190	1.8	4.2	3.6	1.0	.2							10.8	9.0	9.0
200-220	1.0	.9	.6	.3	.1							2.8	8.1	7.0
230-250	1.1	.3	.1	.0								1.5	3.8	3.0
(W) 260-280	3.2	1.1	.1									4.3	3.7	3.0
290-310	3.0	.4	.1	.1								3.6	3.3	3.0
320-340	3.1	1.8	.8	.3	.1							6.0	5.7	4.0
VARIABLE	.0	.8	.4	.1	.0							1.3	9.5	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	16.8	/	/
TOTALS	32.0	32.8	13.6	4.1	.9							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	18.1	4.5	1.0								34.9	6.3	6.0
020-040	5.5	6.3	.4									12.2	4.9	5.0
050-070	1.7	2.9	.3	.2								5.1	5.7	5.5
(E) 080-100	1.6	.7	.1									2.4	4.1	4.0
110-130	2.3	1.0	.1									3.3	3.8	3.0
140-160	2.4	1.9	.8	.4	.3							5.7	7.3	6.0
(S) 170-190	.8	1.0	.2	.1	.1							2.2	6.9	6.0
200-220	.8	.2										1.0	3.8	3.0
230-250	.8											.8	2.4	2.0
(W) 260-280	1.7	.4										2.1	2.7	2.0
290-310	1.8	.4	.1									2.3	3.6	3.0
320-340	4.0	3.0	1.3	.6								8.9	6.4	5.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	19.2	/	/
TOTALS	34.8	35.9	7.8	2.3	.4							100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 1052

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: MAY HOURS: 00-02			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		10.3	7.8	1.5	.1								19.8	4.9	4.0
020-040		2.5	2.0	.3									4.8	4.8	4.0
050-070		.9	.2	.1									1.2	3.9	3.0
(E) 080-100		.6	.1										.8	2.7	2.0
110-130		1.5	.3										1.8	3.4	3.0
140-160		2.0	1.8	.1									4.0	4.9	4.0
(S) 170-190		1.0	2.5	.8									4.2	6.8	7.0
200-220		1.1	1.0										2.0	4.7	4.0
230-250		2.0											2.0	2.6	2.0
(W) 260-280		7.5	.5										8.1	2.7	3.0
290-310		4.8	.3										5.2	2.8	3.0
320-340		7.7	1.9	.8	.3								10.8	4.3	3.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	35.4	/	/
TOTALS		41.9	18.4	3.6	.4								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	10.4	5.7	1.0	.6	.1						17.8	4.9	4.0
020-040	2.8	1.0	.1								3.9	3.9	4.0
050-070	1.4	.3									1.7	3.4	3.0
(E) 080-100	.5	.1									.6	3.0	2.0
110-130	.9	.1	.2								1.2	4.5	3.0
140-160	.9	.5	.2								1.6	5.3	4.0
(S) 170-190	.6	.9		.3							1.8	6.9	6.0
200-220	1.0	.1									1.1	2.4	2.0
230-250	2.9	.1									3.0	2.6	2.0
(W) 260-280	6.8	1.2									8.0	2.9	2.5
290-310	4.9	.3									5.3	2.5	2.0
320-340	8.0	1.1	.3	.4							9.8	3.9	3.0
VARIABLE			.1								.1	10.0	10.0
CALM	/	/	/	/	/	/	/	/	/	/	44.1	/	/
TOTALS	41.1	11.4	1.9	1.3	.1						100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN									PERIOD OF RECORD: MAR 78 - FEB 88				
		LST TO UTC: - 9									MONTH: MAY HOURS: 06-08				
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		10.6	7.7	1.4	.8								20.5	5.3	4.0
020-040		8.1	2.9	.4	.1								11.5	3.8	3.0
050-070		3.0	.4	.1									3.5	3.1	3.0
(E) 080-100		1.5	.5										2.0	3.1	2.0
110-130		1.7	.1										1.8	2.3	2.0
140-160		2.0	.9										2.9	3.6	3.0
(S) 170-190		2.5	1.0	.3	.3								4.1	5.2	4.0
200-220		1.2	.2										1.4	2.8	3.0
230-250		2.8											2.8	2.4	2.0
(W) 260-280		5.5	1.2										6.7	3.0	3.0
290-310		4.5		.1									4.6	2.2	2.0
320-340		4.5	1.6	.8	.2								7.1	4.9	3.5
VARIABLE		.1											.1	2.0	2.0
CALM		/	/	/	/	/	/	/	/	/	/	/	30.9	/	/
TOTALS		48.0	16.5	3.1	1.2	.2							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.7	3.0	.9	.1	.1						14.7	7.8	7.0
020-040	5.5	4.6	1.4									11.5	5.4	5.0
050-070	5.2	2.2	.4									7.7	4.1	4.0
(E) 080-100	5.1	2.2										7.2	3.7	3.0
110-130	6.9	3.8	.3									11.0	4.3	4.0
140-160	8.9	8.4	1.5	.4								19.2	5.4	5.0
(S) 170-190	4.1	4.4	2.2	.6	.1							11.4	7.0	6.0
200-220	.9	.3										1.2	3.8	4.
230-250	.9											.9	2.4	2.0
(W) 260-280	.2	.2										.4	3.8	4.0
290-310	.4	.1										.5	3.0	3.0
320-340	.8		.4	.3								2.6	7.4	6.0
VARIABLE		1.0	.2									1.2	8.2	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	10.4	/	/
TOTALS	42.9	35.0	9.4	2.2	.2	.1						100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: MAY HOURS: 12-14			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.2	5.4	2.0	1.3	.3							10.2	9.2	8.0
020-040		2.9	5.4	1.0	.6								9.9	6.9	6.0
050-070		3.2	2.9	.3									6.5	4.7	4.5
(E) 080-100		2.8	2.4	.1									5.3	4.7	4.0
110-130		2.9	6.5	.6	.1								10.1	5.9	6.0
140-160		5.2	14.7	6.5	2.7								29.0	8.2	8.0
(S) 170-190		2.6	7.4	7.6	1.5	.4							19.6	9.1	9.0
200-220		.6	1.0	.1									1.7	5.1	5.5
230-250		.5											.5	2.2	2.0
(W) 260-280			.1	.1									.2	7.5	7.5
290-310		.2	.1										.3	4.3	4.0
320-340		.3	.5	.2									1.1	6.6	5.5
VARIABLE		1.0	1.2	.1									2.3	9.9	10.0
CALM		/	/	/	/	/	/	/	/	/	/	/	3.3	/	/
TOTALS		22.4	47.4	19.7	6.3	.7							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: MAR 78 - FEB 88

LST TO UTC: - 9

MONTH: MAY

HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.8	1.4	1.6	.2	.1						8.9	8.9	7.0
020-040	1.5	1.9	1.0	.5	.1							5.1	7.8	7.0
050-070	1.6	2.9	.4									4.9	5.5	5.0
(E) 080-100	1.2	1.8	.5									3.5	5.8	5.0
110-130	2.2	3.9	.4									6.5	5.7	6.0
140-160	3.0	16.0	11.2	2.6								32.8	9.0	9.0
(S) 170-190	1.7	10.4	12.8	2.9								27.8	9.9	10.0
200-220	1.1	1.2	.2		.1							2.6	6.4	6.0
230-250	.1											.1	1.0	1.0
(W) 260-280		.1										.1	7.0	7.0
290-310	.5	.2										.8	3.4	3.0
320-340	.3	1.1	.3		.1							1.8	8.0	7.0
VARIABLE		1.0	.8									1.7	9.6	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	3.3	/	/
TOTALS	15.0	44.3	29.0	7.6	.5	.1						100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: MAY HOURS: 18-20											
DIRECTION (DEGREES)		WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.0	4.5	2.4	.9	.4	.1						12.3	7.8	7.0
020-040		1.5	2.2	.6		.1							4.4	6.2	6.0
050-070		2.2	1.6	.2									4.0	4.9	4.0
(E) 080-100		1.4	1.2										2.6	4.0	3.0
110-130		3.4	3.2	.1									6.8	4.6	4.0
140-160		8.7	14.3	3.8	.2								27.0	6.3	6.0
(S) 170-190		3.9	14.4	6.9	.8								25.9	7.7	8.0
200-220		1.0	1.7	.1									2.8	5.7	6.0
230-250		.8	.2										1.0	3.3	3.0
(W) 260-280		.6	.3										1.0	3.8	3.0
290-310		.8											.8	3.1	3.0
320-340		1.2	.9	.6									2.7	5.9	5.0
VARIABLE			.2										.2	7.0	7.0
CALM		/	/	/	/	/	/	/	/	/	/	/	8.7	/	/
TOTALS		29.5	44.7	14.7	1.9	.5	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	7.5	3.0	.6								18.0	6.4	6.0
020-040	2.5	1.7	.2	.1								4.5	5.0	4.0
050-070	2.3	.3										2.6	3.0	3.0
(E) 080-100	1.8	.2										2.0	2.9	2.0
110-130	2.7	.5										3.2	3.0	2.5
140-160	6.9	4.6	.5									12.0	4.6	4.0
(S) 170-190	5.3	6.0	1.4	.1								12.8	5.7	5.0
200-220	2.8	.4	.3									3.5	3.4	2.0
230-250	2.5	.3										2.8	2.5	2.0
(W) 260-280	3.0	.9										3.9	.1	3.0
290-310	2.8	.9										3.7	2.9	2.0
320-340	4.4	1.2	.3									5.9	4.1	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	25.1	/	/
TOTALS	43.8	24.5	5.7	.8								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: MAY HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		6.1	6.1	2.0	.8	.1	.0						15.3	6.5	5.0
020-040		3.4	2.7	.6	.2	.0							6.9	5.4	5.0
050-070		2.5	1.4	.2									4.0	4.3	4.0
(E) 080-100		1.9	1.1	.1									3.0	4.1	4.0
110-130		2.8	2.3	.2	.0								5.3	4.7	4.0
140-160		4.7	7.7	3.0	.7								16.1	7.0	6.0
(S) 170-190		2.7	5.9	4.0	.8	.1							13.5	8.1	8.0
200-220		1.2	.7	.1		.0							2.0	4.5	4.0
230-250		1.6	.1										1.6	2.5	2.0
(W) 260-280		3.0	.6	.0									3.5	3.0	3.0
290-310		2.4	.2	.0									2.6	2.7	2.0
320-340		3.4	1.2	.5	.1	.0							5.2	4.8	4.0
VARIABLE		.0	.4	.3	.0								.7	9.2	9.0
CALM		//////////											20.1	//////////	
TOTALS		35.7	30.4	11.0	2.6	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	13.5	3.1	.2								28.2	5.8	5.0
020-040	5.7	4.5	.1									10.3	4.4	4.0
050-070	4.2	1.4	.1									5.7	3.7	3.0
(E) 080-100	2.4	.3	.1									2.8	3.2	3.0
110-130	2.8	1.1	.3									4.1	4.3	4.0
140-160	3.8	2.7	1.0	.1								7.6	5.3	4.0
(S) 170-190	1.9	2.0	1.4	.6	.2							6.1	7.9	7.0
200-220	.5	.2										.7	3.3	2.5
230-250	1.0											1.0	2.4	2.0
(W) 260-280	1.2											1.2	2.2	2.0
290-310	1.2	.1										1.3	2.6	2.5
320-340	3.8	2.6	1.7	.2								8.3	5.8	5.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	22.8	/	/
TOTALS	39.9	28.4	7.8	1.1	.2							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1119

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JUN HOURS: 00-02			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		11.4	6.9	.7	.3								19.3	4.5	4.0
020-040		4.7	.8										5.4	3.4	3.0
050-070		1.8	.3										2.1	3.2	2.0
(E) 080-100		.4	.1										.6	2.8	3.0
110-130		1.6	.2										1.8	3.4	4.0
140-160		2.8	2.0	.4	.1								5.3	5.3	4.0
(S) 170-190		2.1	2.2	.8	.1								5.2	6.1	6.0
200-220		1.6	.3										1.9	3.1	2.0
230-250		1.3	.2										1.6	2.9	2.0
(W) 260-280		4.2	.6										4.8	2.9	3.0
290-310		5.0	.2	.1									5.3	2.9	3.0
320-340		7.2	1.3	.2									8.8	3.3	3.0
VARIABLE			.1										.1	7.0	7.0
CALM		/	/	/	/	/	/	/	/	/	/	/	37.8	/	/
TOTALS		44.1	15.2	2.2	.5								100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	14.9	5.9	.9									21.7	4.0	4.0	
020-040	3.1	.7	.1									3.9	3.4	3.0	
050-070	2.0											2.0	2.9	3.0	
(E) 080-100	.3	.2										.6	3.2	2.0	
110-130	1.2	.2										1.4	2.7	2.0	
140-160	1.8	.4	.8	.1								3.1	6.1	4.0	
(S) 170-190	1.2	1.4	.4	.2								3.3	6.4	6.0	
200-220	.6	.1										.7	3.2	2.0	
230-250	1.4	.1										1.6	2.6	2.0	
(W) 260-280	4.9	1.1										6.0	3.3	3.0	
290-310	5.6	.6										6.1	2.6	2.0	
320-340	6.2	1.7	.2									8.1	3.4	3.0	
VARIABLE															
CALM	/	/	/	/	/	/	/	/	/	/	/	41.6	/	/	
TOTALS	43.2	12.4	2.4	.3								100.0	2.2	3.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: JUN HOURS: 06-08											
		WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		12.1	8.2	1.4	.3								22.1	4.8	4.0
020-040		6.2	2.7	.3									9.2	3.9	3.0
050-070		3.6	.3										3.9	2.5	2.0
(E) 080-100		2.0	.2										2.2	2.9	3.0
110-13		2.3											2.3	2.5	2.0
140-160		2.7	.9	.9	.2								4.7	5.8	4.0
(S) 170-190		2.7	1.1	.6	.2	.1							4.7	5.9	4.0
200-220		.8	.1										.9	3.4	3.5
230-250		1.9											1.9	2.2	2.0
(W) 260-280		3.4	.3										3.8	3.0	3.0
290-310		3.3	.4										3.8	2.9	3.0
320-340		3.8	2.2	.1									6.1	3.8	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	34.4	/	/
TOTALS		44.8	16.4	3.3	.7	.1							100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	4.6	7.1	1.6	.3								13.6	6.0	6.0	
020-040	6.2	5.6	.7	.1								12.6	4.8	5.0	
050-070	5.8	2.4	.4									8.7	3.9	3.0	
(E) 080-100	5.3	2.7										8.0	3.6	3.0	
110-130	5.7	2.4	.1									8.2	3.6	3.0	
140-160	9.6	6.7	1.7	.1	.1							18.1	5.1	4.0	
(S) 170-190	3.8	2.8	2.7	.9								10.1	7.2	6.0	
200-220	1.2	.7										1.9	4.2	3.0	
230-250	.6											.6	1.6	1.0	
(W) 260-280	.3											.3	2.7	3.0	
290-310	.9	.2										1.1	3.3	3.0	
320-340	1.6	.8	.2									2.6	5.0	4.0	
VARIABLE		.7										.7	7.2	7.0	
CALM	/	/	/	/	/	/	/	/	/	/	/	13.7	/	/	
TOTALS	45.6	32.1	7.4	1.4	.1							100.0	4.3	4.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JUN HOURS: 12-14			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.4	4.3	1.7	.2								8.7	6.7	6.0
020-040		6.0	4.3	.7									11.0	4.6	4.0
050-070		4.1	4.2	.3									8.7	4.7	5.0
(E) 080-100		4.4	2.1	.1									6.7	3.9	4.0
110-130		4.4	4.0										8.4	4.5	4.0
140-160		6.7	10.7	6.2	1.7								25.2	7.7	7.0
(S) 170-190		3.2	6.4	6.0	1.8	.2							17.7	8.9	9.0
200-220		1.0	.6	.3									1.9	5.4	4.0
230-250		.8											.8	3.3	4.0
(W) 260-280		.2	.1										.3	4.2	3.0
290-310		.4	.1										.6	3.2	3.0
320-340		.6	.9	.1									1.6	5.5	5.5
VARIABLE		1.9	1.0										2.9	8.6	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	5.7	/	/
TOTALS		34.2	39.6	16.4	3.7	.2							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.7	1.3									7.8	6.1	5.0
020-040	4.4	3.7	.3	.1								8.6	4.8	4.0
050-070	3.9	2.3										6.2	3.8	4.0
(E) 080-100	3.2	2.1	.1									5.4	4.4	4.0
110-130	3.0	2.9	.6									6.4	5.2	5.0
140-160	3.8	13.1	9.1	2.1	.1							28.2	8.6	8.0
(S) 170-190	1.8	11.3	10.9	2.7								26.7	9.6	10.0
200-220	.8	.9	.7	.1								2.4	7.0	6.0
230-250	.6	.6										1.1	4.6	4.5
(W) 260-280	.3	.2										.6	4.8	4.0
290-310	.8											.8	3.0	3.0
320-340	.2	1.0	.1	.1								1.4	7.8	8.0
VARIABLE		.4	.6									1.0	9.7	10.0
CALM	/	/	/	/	/	/	/	/	/	/	/	3.3	/	/
TOTALS	25.6	42.2	23.7	5.1	.1							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: JUN HOURS: 18-20			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		5.1	4.6	1.4	.1	.2							11.4	5.7	5.0
020-040		4.2	2.2	.8	.1								7.3	4.9	4.0
050-070		2.8	1.4										4.2	4.1	4.0
(E) 080-100		2.1	1.4										3.6	3.8	3.0
110-130		4.4	1.3	.2									6.0	3.8	3.5
140-160		6.3	14.3	3.2	.2								24.1	6.5	6.0
(S) 170-190		4.6	13.0	8.3	.6								26.4	7.7	8.0
200-220		1.7	1.2	.8	.1								3.8	6.0	5.0
230-250		.2	.2										.4	4.0	4.0
(W) 260-280		.7	.2										.9	3.8	4.0
290-310		.6	.2										.8	3.4	4.0
320-340		1.2	1.2	.3									2.8	5.2	5.0
VARIABLE															
CALM		//////////											8.2	//////////	
TOTALS		33.9	41.2	15.0	1.1	.2							100.0	5.6	5.5

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	7.1	1.9		.1							15.1	5.7	5.0
020-040	4.2	2.1	.2									6.6	4.1	4.0
050-070	3.2	.7										3.9	3.1	3.0
(E) 080-100	1.6	.8	.1									2.4	4.4	4.0
110-130	3.2	1.0										4.2	3.2	3.0
140-160	6.6	5.6	1.1									13.2	5.1	5.0
(S) 170-190	5.0	8.3	2.1	.1	.1							15.7	6.2	5.0
200-220	2.3	.8	.1	.1								3.3	4.4	4.0
230-250	2.1	.1										2.2	2.5	2.0
(W) 260-280	2.6	.2										2.8	2.3	2.0
290-310	1.8	.1										1.9	2.6	2.0
320-340	2.2	1.8										4.0	4.4	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	24.7	/	/
TOTALS	40.8	28.6	5.5	.2	.2							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: JUN HOURS: ALL											
WIND SPEED IN KNOTS															
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		7.4	6.0	1.4	.2	.0							15.0	5.1	5.0
020-040		4.9	2.8	.4	.0								8.1	4.4	4.0
050-070		3.4	1.5	.1									5.0	3.8	3.0
(E) 080-100		2.4	1.2	.0									3.7	3.8	4.0
110-130		3.2	1.5	.1									4.9	3.9	4.0
140-160		5.0	6.7	2.9	.6	.0							15.2	6.8	6.0
(S) 170-190		3.0	5.8	4.0	.8	.1							13.7	7.9	8.0
200-220		1.2	.6	.2	.0								2.1	5.0	4.0
230-250		1.1	.2										1.3	2.8	2.0
(W) 260-280		2.1	.3										2.4	3.1	3.0
290-310		2.3	.2	.0									2.5	2.8	3.0
320-340		2.9	1.4	.2	.0								4.4	4.1	3.0
VARIABLE		.4	.2										.6	8.6	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	21.2	/	/
TOTALS		38.9	28.6	9.5	1.6	.1							100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.6	12.1	2.6	.1								28.3	5.1	5.0
020-040	9.2	4.5	.2									13.9	4.0	4.0
050-070	5.5	2.1										7.5	3.5	3.0
(E) 080-100	2.8	.9	.1									3.8	3.4	3.0
110-130	3.0	.5										3.5	3.1	3.0
140-160	3.3	1.9	.8									6.0	4.9	4.0
(S) 170-190	1.9	1.7	1.2	.2	.1							5.1	6.9	5.0
200-220	.8	.1										.9	2.6	2.0
230-250	.8	.1										.9	2.9	3.0
(W) 260-280	.7	.2										.8	3.2	3.0
290-310	1.2	.3										1.5	3.3	3.0
320-340	3.3	2.1	.2									5.6	4.5	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	22.1	/	/
TOTALS	46.1	26.5	5.1	.3	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 1831

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	10.8	3.0	.1								13.9	3.5	3.0
020-040	3.4	1.6									5.1	3.7	4.0
050-070	2.9	.6									3.5	3.3	3.0
(E) 080-100	2.0	.2									2.3	2.5	2.0
110-130	2.3	.4									2.7	2.8	2.0
140-160	2.7	1.1	.4	.1	.2						4.5	5.4	4.0
(S) 170-190	2.8	2.4	1.2								6.3	5.8	5.0
200-220	2.2	.2	.1								2.5	2.8	2.0
230-250	1.2										1.2	2.0	2.0
(W) 260-280	3.7	.3									4.0	2.7	3.0
290-310	3.8	.6									4.4	2.7	2.0
320-340	4.0	.4	.1								4.5	3.1	3.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	45.2	/	/
TOTALS	41.8	10.8	1.9	.1	.2						100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.1	3.7										13.8	3.7	4.0
020-040	4.4	.6										5.1	3.0	3.0
050-070	3.3	.4										3.8	2.8	3.0
(E) 080-100	1.5	.2										1.7	2.4	2.0
110-130	.9	.1										1.0	3.2	4.0
140-160	2.4	.8	.3		.2							3.7	5.4	3.0
(S) 170-190	1.0	1.2	.5									2.7	6.1	5.0
200-220	1.0	.1										1.1	2.9	3.0
230-250	.8											.8	2.3	2.0
(W) 260-280	3.5	.1										3.7	2.5	2.0
290-310	4.7		.1									4.8	2.4	2.0
320-340	5.1	.9	.3									6.2	3.1	2.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	51.8	/	/
TOTALS	38.7	8.1	1.2		.2							100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.2	5.1	.1									17.3	3.7	3.0
020-040	8.7	1.5										10.2	3.1	3.0
050-070	4.5	.2										4.7	2.6	2.0
(E) 080-100	2.6	.1										2.7	2.2	2.0
110-130	2.2	.1										2.3	2.3	2.0
140-160	3.5	1.1	.2									4.8	3.6	2.0
(S) 170-190	1.5	1.9	.4									3.9	5.6	5.0
200-220	1.7	.5										2.3	3.0	3.0
230-250	1.5											1.5	2.0	2.0
(W) 260-280	22	.1										2.3	2.5	2.0
290-310	2.7	.1										2.8	2.3	2.0
320-340	4.1	.5	.1									4.7	3.0	2.0
VARIABLE			.1									.1	14.0	14.0
CALM	/	/	/	/	/	/	/	/	/	/	/	40.4	/	/
TOTALS	47.4	11.2	.9									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	4.8	.2									10.5	4.7	4.0
020-040	9.2	4.5	.9									14.6	4.2	4.0
050-070	8.0	2.4										10.3	3.6	4.0
(E) 080-100	5.5	1.1										6.6	3.0	3.0
110-130	6.3	2.4	.1									8.8	3.5	3.0
140-160	8.0	5.4	.5									13.9	4.4	4.0
(S) 170-190	5.8	4.6	1.7	.5								12.7	5.7	5.0
200-220	2.2	.5		.1								2.8	3.5	2.5
230-250	.1	.1										.2	4.0	4.0
(W) 260-280	.6											.6	2.0	2.0
290-310	.5											.5	2.2	2.0
320-340	1.1	.5										1.6	4.0	4.0
VARIABLE		.2	.3									.5	8.8	10.0
CALM	/	/	/	/	/	/	/	/	/	/	/	16.2	/	/
TOTALS	52.8	26.5	3.7	.6								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.2	.5									6.7	5.8	6.0
020-040	6.2	4.7	.4	.1								11.5	4.5	4.0
050-070	5.7	3.7	.1									9.5	4.3	4.0
(E) 080-100	4.8	2.5										7.3	3.6	3.5
110-130	5.6	3.7										9.2	4.0	4.0
140-160	7.5	12.4	3.3	.2								23.4	6.3	6.0
(S) 170-190	3.3	7.6	4.0	1.2								16.1	7.9	7.0
200-220	.9	1.2	.2									2.3	5.4	5.0
230-250	.6	.3										1.0	3.1	2.0
(W) 260-280	.3	.2										.5	4.4	3.0
290-310	.3	.1										.4	3.0	2.5
320-340	.6	.9										1.5	4.6	5.0
VARIABLE	2.4	.8										3.1	9.1	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	7.4	/	/
TOTALS	37.7	43.9	9.3	1.5								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.5	.5	.2								8.1	5.8	6.0
020-040	4.8	3.4	.5	.3								9.1	5.0	4.0
050-070	4.5	3.0	.2									7.7	4.5	4.0
(E) 080-100	3.0	1.4										4.4	4.2	4.0
110-130	2.3	4.0	.1									6.3	5.3	5.0
140-160	4.2	14.8	5.5	.6								25.2	7.6	7.0
(S) 170-190	1.9	11.6	9.5	1.5								24.5	8.9	9.0
200-220	1.0	1.5	.2	.3								3.0	6.7	6.0
230-250	1.2	.6										1.8	3.7	4.0
(W) 260-280		.1										.1	6.0	6.0
290-310	.6	.1										.8	2.7	2.0
320-340	.4	.6		.1								1.2	6.3	6.0
VARIABLE		.4	.6									1.1	9.6	10.0
CALM	/	/	/	/	/	/	/	/	/	/	/	6.7	/	/
TOTALS	26.7	46.0	17.1	3.0								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	5.1	3.2	1.0	.1							9.4	5.3	4.0
020-040	4.6	2.4	.1								7.1	4.0	4.0
050-070	1.9	2.4	.2								4.5	5.1	5.0
(E) 080-100	2.3	2.3									4.5	4.4	4.5
110-130	2.3	2.8	.1								5.2	4.9	5.0
140-160	6.7	14.9	2.3	.1							24.0	6.2	6.0
(S) 170-190	4.6	11.7	4.3	.2							20.9	7.0	7.0
200-220	1.6	1.4	.3								3.3	5.3	5.0
230-250	.8	.3	.1								1.2	4.2	3.0
(W) 260-280	1.4	.2									1.6	3.3	2.0
290-310	1.1	.6	.1								1.8	4.4	4.0
320-340	1.1	1.1									2.2	4.8	4.5
VARIABLE		.1	.1								.2	8.5	8.5
CALM	//////////										14.2	//////////	
TOTALS	33.5	43.4	8.6	.4							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

**PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS**

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010		10.0	4.6	.1								14.7	4.0	4.0
020-040		4.8	1.2									6.0	3.6	4.0
050-070		2.5	1.2									3.7	3.9	4.0
(E) 080-100		2.4	.6									3.0	3.4	3.0
110-130		4.2	1.3									5.5	3.4	3.0
140-160		8.6	5.2	.6								14.4	4.3	4.0
(S) 170-190		5.2	5.3	2.0								12.5	5.7	5.0
200-220		3.1	.9	.3								4.3	4.0	3.0
230-250		1.9										1.9	2.1	2.0
(W) 260-280		2.9	.3									3.2	2.7	2.0
290-310		2.3	.2									2.5	2.6	2.0
320-340		3.1	1.1									4.2	3.4	3.0
<hr/>														
VARIABLE														
CALM		/	/	/	/	/	/	/	/	/	/	24.1	/	/
TOTALS		51.0	21.9	3.0								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	7.3	4.1	.3	.0							11.8	4.3	4.0
020-040	5.8	2.5	.2	.1							8.6	4.0	4.0
050-070	4.2	1.7	.1								6.0	3.9	4.0
(E) 080-100	3.0	1.0									4.1	3.4	3.0
110-130	3.2	1.8	.0								5.1	3.9	4.0
140-160	5.4	6.9	1.7	.1	.1						14.2	5.9	6.0
(S) 170-190	3.3	5.8	3.0	.4							12.4	7.1	7.0
200-220	1.7	.8	.1	.1							2.7	4.3	3.0
230-250	1.0	.2	.0								1.2	2.8	2.0
(W) 260-280	1.8	.2									2.0	2.	2.0
290-310	2.0	.2	.0								2.3	2.7	2.0
320-340	2.4	.8	.1	.0							3.3	3.6	3.0
VARIABLE		.4	.2								.6	9.2	8.0
CALM	/	/	/	/	/	/	/	/	/	/	25.8	/	/
TOTALS	41.1	26.4	5.7	.7	.1						100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	12.8	7.2	.3								20.2	4.2	4.0
020-040	10.7	3.7	.1								14.4	3.6	4.0
050-070	7.1	1.7	.1								8.9	3.5	3.0
(E) 080-100	3.3	.4									3.7	2.9	3.0
110-130	3.1	1.0	.0								4.1	3.4	3.0
140-160	4.0	2.2	.3	.0	.2						6.8	4.8	4.0
(S) 170-190	2.1	1.9	.5								4.5	5.0	5.0
200-220	1.3	.1									1.5	2.9	3.0
230-250	.6	.1									.7	2.4	2.0
(W) 260-280	.7										.7	2.3	2.0
290-310	1.1	.0									1.1	2.3	2.0
320-340	3.0	.5	.2								3.7	3.3	3.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	29.7	/	/
TOTALS	49.8	18.8	1.5		.2						100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 2111

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-6	GE 65			
(N) 350-010	11.1	5.2	.9	.2								17.3	4.3	4.0
020-040	2.8	.8										3.5	3.7	4.0
050-070	1.6	.3										1.9	3.2	3.0
(E) 080-100	1.7	.3	.1	.2								2.4	4.9	3.0
110-130	1.4	1.0			.1							2.5	4.7	4.0
140-160	1.9	1.0	.3	.1			.1					3.4	5.7	4.0
(S) 170-190	3.2	3.5	1.1	.3	.1			.1				8.4	6.7	6.0
200-220	2.0	1.1										3.1	4.0	3.0
230-250	1.7											1.7	2.3	2.0
(W) 260-280	4.2	.3										4.5	2.7	2.5
290-310	3.7	.3										4.0	2.5	2.0
320-340	5.6	1.6	.1	.1								7.4	3.4	3.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	39.8	/	/
TOTALS	40.9	15.4	2.5	.9	.1	.1	.1	.1	.1	.1	.1	100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	12.9	4.4	.4									17.7	3.8	4.0	
020-040	2.9	.3										3.2	2.8	3.0	
050-070	1.6	.2	.1	.1								2.0	4.2	3.0	
(E) 080-100	.8	.4	.1									1.3	4.8	4.0	
110-130	1.0	.3										1.3	3.8	4.0	
140-160	1.1	1.1	.1								.1	2.4	6.6	5.0	
(S) 170-190	1.2	1.2	.2	.3				.1	.1			3.1	8.6	6.0	
200-220	1.2	.8	.1									2.0	4.2	4.0	
230-250	1.1											1.1	2.2	2.0	
(W) 260-280	6.3	.5										6.9	2.8	3.0	
290-310	6.0	.2										6.2	2.4	2.0	
320-340	7.5	.9	.1									8.5	2.9	2.0	
VARIABLE															
CALM	/	/	/	/	/	/	/	/	/	/	/	44.2	/	/	
TOTALS	43.6	10.3	1.1	.4				.1	.1	.1		100.0	2.1	3.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	3.9	.5									15.8	4.0	4.0
020-040	6.2	1.6	.1	.1								8.1	3.4	3.0
050-070	2.8	.8										3.5	3.4	3.0
(E) 080-100	1.7	.5	.1									2.4	3.4	3.0
110-130	1.3	.9	.1									2.3	4.0	4.0
140-160	1.9	.9	.5	.2								3.5	5.5	4.0
(S) 170-190	1.3	2.2	.9	.3	.2							4.8	7.8	7.0
200-220	1.3	.4	.1		.1							1.9	4.7	3.0
230-250	2.2	.2										2.4	2.5	2.0
(W) 260-280	5.4	.3										5.7	2.5	2.0
290-310	4.4	.2										4.6	2.3	2.0
320-340	5.7	1.3	.1									7.1	3.0	3.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	37.8	/	/
TOTALS	45.6	13.2	2.4	.6	.3							100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	5.8	4.3	1.2	.1								11.4	5.1	4.0	
020-040	8.0	3.7	.3	.1								12.0	4.2	4.0	
050-070	6.9	2.6	.1									9.6	3.6	3.0	
(E) 080-100	5.8	1.2										7.0	3.0	2.0	
110-130	6.7	2.2		.1								8.9	3.7	3.0	
140-160	8.2	4.2	1.3	.4								14.1	5.0	4.0	
(S) 170-190	4.2	4.1	3.4	1.5	.3							13.5	8.2	7.0	
200-220	1.6	.8	.1	.1								2.6	4.6	4.0	
230-250	.6	.3										1.0	3.4	3.0	
(W) 260-280	.5											.5	2.8	4.0	
290-310	.4	.1										.5	3.0	3.0	
320-340	1.8	.9		.1								2.8	4.1	3.0	
VARIABLE		.1	.1									.2	9.0	9.0	
CALM	/	/	/	/	/	/	/	/	/	/	/	15.8	/	/	
TOTALS	50.5	24.5	6.5	2.4	.3							100.0	4.1	4.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: AUG HOURS: 12-14											
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.4	2.4	.5	.4	.1							5.8	6.5	5.0
020-040		4.8	3.2	.6									8.7	4.6	4.0
050-070		7.1	3.0	.2	.2								10.5	4.3	4.0
(E) 080-100		5.3	2.2	.2									7.6	3.8	3.0
110-130		6.3	4.7	.2									11.3	4.6	4.0
140-160		7.1	10.0	3.5	1.2	.2							22.0	6.9	6.0
(S) 170-190		2.7	7.6	5.6	3.0	.8							19.7	9.7	9.0
200-220		1.3	.5	.3	.3								2.5	6.4	4.0
230-250		.1	.3										.4	5.0	5.0
(W) 260-280		.4	.2										.6	4.	3.5
290-310		.5	.2										.8	4.1	4.0
320-340		1.4	.8	.2	.1								2.5	5.4	4.0
VARIABLE		1.2	.6	.2									2.0	9.5	9.0
CALM		/	/	/	/	/	/	/	/	/	/	/	5.5	/	/
TOTALS		39.4	36.3	11.9	5.4	1.1							100.0	6.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.2	.5	.3								6.7	6.1	5.5
020-040	2.8	2.7	.8	.2			.1					6.6	6.0	5.0
050-070	3.8	1.6	.1									5.5	4.1	4.0
(E) 080-100	2.8	1.4	.2									4.4	4.5	4.0
110-130	2.7	3.1	.5									6.3	5.1	5.0
140-160	4.1	9.7	8.1	1.5								23.3	8.3	8.0
(S) 170-190	2.3	12.3	15.2	3.3	.2							33.2	10.0	10.0
200-220	.8	.8	1.2	.1								2.8	7.9	8.0
230-250	1.0	.3										1.3	3.7	3.0
(W) 260-280	1.2	.6										1.8	4.0	4.0
290-310	.3		.1									.4	5.5	4.0
320-340	.6	.3	1.1	.1								2.2	7.8	10.0
VARIABLE		.1	.2	.1								.4	11.5	11.5
CALM	/	/	/	/	/	/	/	/	/	/	/	5.1	/	/
TOTALS	25.0	36.1	28.0	5.6	.2	.1						100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: AUG HOURS: 18-20											
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.7	3.2	1.2	.1								9.2	5.4	4.0
020-040		3.0	2.0	.1									5.2	4.2	4.0
050-070		2.5	1.3	.2									4.0	4.9	4.0
(E) 080-100		1.9	1.2	.2									3.3	4.8	4.0
110-130		1.6	2.0	.2	.3								4.2	5.9	5.0
140-160		5.8	11.4	3.8	.4								21.4	6.6	6.0
(S) 170-190		6.0	14.0	8.4	.9								29.2	7.9	8.0
200-220		2.0	1.1	.2									3.3	4.5	4.0
230-250		1.5	.2										1.7	3.4	3.0
(W) 260-280		2.2	.1										2.3	2.5	2.0
290-310		1.2	.4										1.6	3.2	3.0
320-340		1.8	.8	.2									2.8	4.3	3.0
VARIABLE		.2	.1										.3	10.0	9.0
CALM		/	/	/	/	/	/	/	/	/	/	/	11.4	/	/
TOTALS		34.2	37.9	14.6	1.7								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.4	4.4	.9	.3								14.0	4.7	4.0
020-040	4.9	1.4	.2									6.6	3.8	3.0
050-070	1.5	.6	.2									2.4	4.7	4.0
(E) 080-100	1.7	.3	.2	.2	.2							2.7	6.9	4.0
110-130	2.2	.6	.1									2.9	3.8	3.0
140-160	8.0	4.4	1.3									13.7	4.8	4.0
(S) 170-190	5.7	10.1	3.0	.4								19.2	6.5	6.0
200-220	2.4	1.1	.2									3.7	4.2	3.5
230-250	2.4	.1										2.5	2.6	2.0
(W) 260-280	2.9	.1										3.0	2.5	2.0
290-310	28	.3										3.1	2.7	2.0
320-340	3.0	1.5	.2									4.7	4.2	4.0
VARIABLE		.1										.1	9.0	9.0
CALM	/	/	/	/	/	/	/	/	/	/	/	21.5	/	/
TOTALS	45.9	25.0	6.3	.9	.2							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: AUG HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		7.4	3.9	.8	.2	.0							12.2	4.7	4.0
020-040		4.4	2.0	.3	.1		.0						6.7	4.2	4.0
050-070		3.5	1.3	.1	.0								4.9	4.1	4.0
(E) 080-100		2.7	.9	.1	.1	.0							3.9	4.2	4.0
110-130		2.9	1.9	.1	.1		.0						5.0	4.5	4.0
140-160		4.8	5.3	2.4	.5	.0		.0		.0			13.0	6.5	6.0
(S) 170-190		3.3	6.9	4.7	1.3	.2		.0	.0				16.4	8.5	8.0
200-220		1.6	.8	.3	.1	.0							2.7	5.0	4.0
230-250		1.3	.2										1.5	2.9	2.0
(W) 260-280		2.9	.3										3.2	2.8	3.0
290-310		2.4	.2	.0									2.7	2.7	2.0
320-340		3.4	1.0	.3	.1								4.7	3.8	3.0
VARIABLE			.2	.1	.0								.4	9.8	9.0
CALM		/	/	/	/	/	/	/	/	/	/	/	22.6	/	/
TOTALS		40.6	24.9	9.2	2.5	.2							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 9 MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.9	7.2	1.2	.3								22.6	4.6	4.0
020-040	8.3	3.3	.2	.1								12.0	4.0	4.0
050-070	4.8	.8	.3	.1								6.1	4.0	3.0
(E) 080-100	3.6	1.2	.5	.3	.1							5.7	5.3	4.0
110-130	1.8	2.4	.5	.3		.1						5.1	6.3	5.0
140-160	2.3	1.0	.9	.3	.1		.1					4.6	6.8	5.0
(S) 170-190	2.4	2.3	1.2	.2				.1				6.1	6.8	6.0
200-220	1.0	.4	.1									1.6	4.1	4.0
230-250	1.0											1.0	2.1	2.0
(W) 260-280	1.6											1.6	1.9	2.0
290-310	2.0	.2										2.3	2.5	2.0
320-340	3.6	1.0	.4	.1								5.1	4.0	3.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	26.3	/	/
TOTALS	46.3	19.8	5.3	1.7	.2	.1	.1	.1				100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 1464

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: SEP HOURS: 00-02			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		17.3	7.3	1.2	.1								26.0	4.4	4.0
020-040		3.7	.4										4.1	3.1	3.0
050-070		1.3	.4										1.8	3.6	3.5
(E) 080-100		.9											.9	2.0	2.0
110-130		.8		.1									.9	3.9	3.5
140-160		.9	.3	.1									1.3	4.4	4.0
(S) 170-190		.9	2.0	.9	.2								4.0	7.4	7.0
200-220		.9	.3										1.2	2.9	2.0
230-250		1.7	.1										1.8	2.1	2.0
(W) 260-280		4.9	.3										5.2	2.7	3.0
290-310		6.1	1.1										7.2	3.0	3.0
320-340		9.3	5.8	.6									15.7	4.3	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	29.9	/	/
TOTALS		48.7	18.0	2.9	.3								100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	14.4	7.3	1.0									22.8	4.3	4.0	
020-040	4.0	.6	.1									4.7	3.1	3.0	
050-070	1.2	.4										1.7	3.9	3.0	
(E) 080-100	.1											.1	3.0	3.0	
110-130	.2	.1	.1									.4	4.5	3.5	
140-160	.3	.3										.7	4.5	3.5	
(S) 170-190	.1	1.1	.6									1.8	7.9	8.5	
200-220	.4	.3										.8	3.7	4.0	
230-250	1.3	.2										1.6	2.9	2.0	
(W) 260-280	5.6	.8										6.3	2.9	3.0	
290-310	8.1	1.8										9.9	3.2	3.0	
320-340	10.9	4.0	.6									15.4	3.9	3.0	
VARIABLE															
CALM	/	/	/	/	/	/	/	/	/	/	/	33.9	/	/	
TOTALS	46.6	16.9	2.4									100.0	2.6	3.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: SEP HOURS: 06-08											
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		16.3	8.8	2.3									27.4	4.5	4.0
020-040		6.3	1.7										8.0	3.3	3.0
050-070		1.9	.6										2.4	3.0	3.0
(E) 080-100		.2											.2	1.5	1.5
110-130		.9	.4										1.3	3.1	2.5
140-160		.4	.1	.3									.9	5.6	4.0
(S) 170-190		.3	.3	.7									1.3	8.1	9.5
200-220		.8	.1	.1									1.0	3.7	2.0
230-250		2.0											2.0	2.3	2.0
(W) 260-280		5.7	.3										6.0	2.4	2.0
290-310		6.4	.3										6.8	2.4	2.0
320-340		7.0	4.0	.7									11.7	4.5	4.0
VARIABLE		.1											.1	12.0	12.0
CALM		/	/	/	/	/	/	/	/	/	/	/	30.8	/	/
TOTALS		48.2	16.6	4.2									100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	8.9	11.0	2.0	.2								22.1	5.6	5.0	
020-040	9.7	6.7	.6									16.9	4.6	4.0	
050-070	8.3	2.4	.1									10.9	3.5	3.0	
(E) 080-100	4.1	1.0	.1									5.2	3.0	2.0	
110-130	4.0	.4										4.4	2.6	2.0	
140-160	3.4	1.7	.4	.1								5.7	4.5	4.0	
(S) 170-190	1.8	1.2	.8	.2								4.0	6.3	5.0	
200-220	.8	.3	.6									1.7	7.3	8.0	
230-250	.4	.1										.6	2.4	2.0	
(W) 260-280	.1											.1	2.0	2.0	
290-310	.7	.4	.2									1.3	5.3	4.0	
320-340	3.4	3.4	.8									7.7	5.7	5.0	
VARIABLE		.3	.3									.7	9.5	9.5	
CALM	/	/	/	/	/	/	/	/	/	/	/	18.8	/	/	
TOTALS	45.6	28.9	5.9	.5								100.0	3.9	4.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88												
		LST TO UTC: - 9		MONTH: SEP HOURS: 12-14												
		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		5.0	8.0	2.9	.8								16.7	6.8	6.0	
020-040		8.4	8.2	.6	.3								17.6	5.0	5.0	
050-070		6.4	4.4	.1									11.0	4.3	4.0	
(E) 080-100		6.0	1.9										7.9	3.5	3.0	
110-130		4.9	1.9										6.8	3.7	4.0	
140-160		3.8	4.8	1.2	.2								10.0	6.1	6.0	
(S) 170-190		2.1	4.0	2.1	.8	.1							9.1	7.9	7.5	
200-220		.6	.3	.3	.2								1.4	7.9	8.0	
230-250		.6		.1									.7	4.0	2.0	
(W) 260-280		.4											.4	2.0	1.5	
290-310		.4	.1	.2									.8	6.0	3.0	
320-340		2.7	3.0	.7									6.3	5.4	5.0	
VARIABLE		1.0	.2	.1									1.3	8.8	8.0	
CALM		/	/	/	/	/	/	/	/	/	/	/	10.0	/	/	
TOTALS		41.3	37.6	8.4	2.4	.1							100.0	5.0	5.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	9.2	2.7	.2	.4							18.4	6.7	6.0
020-040	6.0	6.1	.4	.1								12.7	4.8	5.0
050-070	5.3	3.7										9.0	4.3	4.0
(E) 080-100	4.1	1.6										5.7	3.5	3.0
110-130	4.2	1.2	.3	.1								5.9	4.0	3.0
140-160	4.4	6.4	1.9	.2								13.0	6.2	6.0
(S) 170-190	2.2	6.9	3.9	.3	.2							13.6	8.0	8.0
200-220	.8	.8	.6	.1								2.2	6.6	6.0
230-250	.8											.8	2.6	3.0
(W) 260-280	1.0											1.0	2.7	3.0
290-310	.8	.6	.1									1.4	4.8	4.0
320-340	2.4	3.1	.3	.2								6.1	5.6	5.0
VARIABLE		.1										.1	7.0	7.0
CALM	/	/	/	/	/	/	/	/	/	/	/	10.1	/	/
TOTALS	37.9	39.7	10.2	1.2	.6							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88												
		LST TO UTC: - 9		MONTH: SEP HOURS: 18-20												
		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		9.0	7.0	1.3	.3								17.7	5.1	4.0	
020-040		5.6	3.1	.3	.1								9.1	4.6	4.0	
050-070		2.6	1.1	.3									4.0	4.0	3.0	
(E) 080-100		1.4	.8										2.2	3.8	4.0	
110-130		2.9	1.0		.1								4.0	3.9	3.0	
140-160		6.9	4.3	.8				.1					12.1	5.3	4.0	
(S) 170-190		4.1	6.0	.9	.3								11.3	6.0	6.0	
200-220		2.2	.8	.1									3.1	3.7	2.0	
230-250		1.2											1.2	2.0	2.0	
(W) 260-280		3.0	.8										3.8	3.1	3.0	
290-310		3.8	1.1										4.9	3.4	3.0	
320-340		3.8	4.1	.3									8.2	5.1	5.0	
VARIABLE		.1											.1	9.0	9.0	
CALM		/	/	/	/	/	/	/	/	/	/	/	18.2	/	/	
TOTALS		46.5	30.2	4.0	.7	.1		.1					100.0	3.9	4.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.9	7.2	1.2									21.3	4.6	4.0
020-040	3.7	1.7	.2									5.6	4.3	4.0
050-070	1.1	.1	.1									1.3	3.8	4.0
(E) 080-100	1.1	.1										1.2	2.6	2.0
110-130	2.2	.8										3.0	3.3	2.0
140-160	3.2	2.0	.1									5.3	4.1	4.0
(S) 170-190	2.7	1.4	.9	.3			.1					5.4	6.6	5.0
200-220	2.0	.7	.2									2.9	4.1	4.0
230-250	1.3											1.3	1.8	2.0
(W) 260-280	4.9	.9										5.8	3.1	3.0
290-310	5.2	1.2										6.4	3.2	3.0
320-340	8.1	2.3	.7	.1								11.2	4.1	3.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	29.1	/	/
TOTALS	48.4	18.4	3.4	.4			.1					100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: SEP HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		11.2	8.2	1.8	.2	.1							21.6	5.1	4.0
020-040		5.9	3.6	.3	.1								9.8	4.4	4.0
050-070		3.5	1.7	.1									5.3	3.9	4.0
(E) 080-100		2.3	.7	.0									2.9	3.3	3.0
110-130		2.5	.7	.1	.0	.0							3.3	3.6	3.0
140-160		2.9	2.5	.6	.1			.0					6.1	5.5	5.0
(S) 170-190		1.8	2.9	1.3	.3	.0		.0					6.3	7.2	7.0
200-220		1.1	.5	.2	.0								1.8	5.0	4.0
230-250		1.2	.1	.0									1.2	2.4	2.0
(W) 260-280		3.2	.4										3.6	2.8	2.5
290-310		3.9	.8	.1									4.8	3.2	3.0
320-340		6.0	3.7	.6	.0								10.3	4.6	4.0
VARIABLE			.2	.1	.0								.3	9.0	9.0
CALM		//////////											22.6	//////////	
TOTALS		45.5	26.0	5.2	.7	.1							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.3	15.5	2.3	.3	.1							34.4	5.1	5.0
020-040	7.8	3.7	.3	.1								11.9	4.2	4.0
050-070	3.0	.8	.1									3.9	3.4	3.0
(E) 080-100	1.5	.3	.1									1.8	3.0	2.5
110-130	1.2	.4	.1		.1							1.8	4.0	3.0
140-160	1.3	.1						.1				1.5	3.9	2.0
(S) 170-190	.9	.4	.6	.3	.1			.1				2.2	8.4	7.0
200-220	.7		.1	.1								.9	5.0	2.5
230-250	.9											.9	2.1	2.0
(W) 260-280	1.0	.1										1.0	2.2	2.0
290-310	3.0	.4	.1									3.6	3.0	3.0
320-340	7.8	4.9	.4									13.1	4.5	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	23.2	/	/
TOTALS	45.4	26.6	4.1	.8	.3			.2				100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 1576

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: OCT HOURS: 00-02											
DIRECTION (DEGREES)		WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		11.5	6.5	2.7	.3	.1							21.1	5.4	4.0
020-040		1.5	1.7	.9	.1								4.2	6.4	5.0
050-070		.9	.1	.1									1.1	3.7	3.0
(E) 080-100		.1											.1	2.0	2.0
110-130															
140-160		.3											.3	2.7	2.0
(S) 170-190		.3	.2	.4	.1	.1							1.2	9.5	10.0
200-220		.6	.2	.1									1.0	4.1	3.0
230-250		1.3	.1										1.4	2.7	2.0
(W) 260-280		11.3	2.9										14.2	3.3	3.0
290-310		10.9	1.1										11.9	2.7	2.0
320-340		9.0	4.6	1.1		.2							14.9	4.5	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	28.6	/	/
TOTALS		47.7	17.4	5.3	.5	.4							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	11.7	6.6	2.5	.4								21.2	5.2	4.0	
020-040	2.3	.6	.3									3.2	4.2	3.0	
050-070	.5	.2	.1									.9	4.6	3.5	
(E) 080-100	.1											.1	2.0	2.0	
110-130	.5											.5	2.0	2.0	
140-160	.2		.1									.3	5.3	4.0	
(S) 170-190	.4	.3	.5	.2								1.5	9.3	9.5	
200-220	.3		.1									.4	5.8	3.5	
230-250	1.7	.2	.1									2.0	2.8	2.0	
(W) 260-280	8.6	2.3										10.9	3.2	3.0	
290-310	9.4	2.0										11.4	3.1	3.0	
320-340	9.0	4.8	.4	.3								14.6	4.3	4.0	
VARIABLE															
CALM	/	/	/	/	/	/	/	/	/	/	/	32.9	/	/	
TOTALS	44.7	17.0	4.1	.7	.2							100.0	2.9	4.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: OCT HOURS: 06-08			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		14.1	6.8	1.8	.4								23.1	4.9	4.0
020-040		2.6	1.4	.6									4.6	5.0	4.0
050-070		.5	.1										.6	3.2	3.0
(E) 080-100		.4	.1										.5	3.2	3.0
110-130		.4	.1										.5	3.0	3.0
140-160		.8		.1									.9	3.9	4.0
(S) 170-190		.4	.2			.1							.8	6.0	4.0
200-220		.4	.1	.2									.8	5.1	3.0
230-250		2.4	.3	.2									2.9	3.4	2.0
(W) 260-280		8.8	1.4										10.2	3.0	3.0
290-310		9.7	1.3										11.0	2.6	2.0
320-340		6.3	5.1	.5	.3								12.3	4.7	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	31.8	/	/
TOTALS		46.8	16.9	3.4	.7	.1							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	12.4	3.9	2.0	.2							28.2	6.9	6.0
020-040	8.6	7.2	1.9	.6								18.4	5.7	5.0
050-070	7.3	2.5										9.8	3.4	3.0
(E) 080-100	3.3	.6										4.0	3.0	3.0
110-130	3.9	1.4										5.3	3.3	3.0
140-160	1.9	1.2										3.1	3.7	3.0
(S) 170-190	2.0	.9	.4				.3					3.8	7.7	4.0
200-220	.6	.4	.1									1.2	4.5	3.0
230-250	1.0	.1										1.1	2.3	2.0
(W) 260-280	.9	.2										1.1	2.7	2.0
290-310	1.4	.1										1.5	2.4	2.0
320-340	3.3	3.7	.9	.2	.1							8.2	5.9	5.0
VARIABLE		.4	.8	.1	.1	.1						1.5	12.1	10.0
CALM	/	/	/	/	/	/	/	/	/	/	/	13.0	/	/
TOTALS	43.9	31.1	8.0	2.9	.4	.4						100.0	4.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WINDSPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: OCT HOURS: 12-14			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.9	8.3	4.5	1.5	.4							19.7	7.8	7.0
020-040		8.4	8.1	3.1	.5								20.1	6.2	5.0
050-070		5.8	4.2	.4									10.4	4.5	4.0
(E) 080-100		6.1	3.1										9.2	3.8	4.0
110-130		5.3	2.2										7.4	3.8	4.0
140-160		3.8	5.3	1.1									10.1	5.3	5.0
(S) 170-190		1.8	2.5	.5	.1	.3			.2	.1			5.6	8.9	6.0
200-220		.9		.1									1.0	3.4	2.0
230-250		.8	.1										.9	3.5	3.0
(W) 260-280		.2											.2	3.0	3.0
290-310		.8	.1	.1									1.0	4.2	3.0
320-340		1.8	2.3	.3	.1	.1							4.6	6.2	5.0
VARIABLE			1.8	.6	.2								2.7	9.0	8.0
CALM		//////////											7.1	//////////	
TOTALS		40.6	38.0	10.7	2.4	.8			.2	.1			100.0	5.6	5.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	6.5	10.2	5.2	2.8	.4							25.1	8.0	6.0	
020-040	8.6	6.2	.8									15.6	4.7	4.0	
050-070	5.3	1.5	.2	.1								7.1	4.0	4.0	
(E) 080-100	3.0	1.2										4.2	3.6	3.0	
110-130	3.8	1.1	.1									4.9	3.6	3.0	
140-160	3.9	6.5	1.0									11.3	5.8	6.0	
(S) 170-190	2.9	6.1	2.4	.3	.1		.1					11.9	7.4	6.0	
200-220	1.4	.9	.2									2.5	4.9	4.0	
230-250	.2	.4										.6	5.2	6.0	
(W) 260-280	.5											.5	2.4	2.0	
290-310	.5	.2	.1									.9	4.8	4.0	
320-340	1.6	2.0	.2									3.9	5.4	5.0	
VARIABLE		.4	.2									.6	8.8	8.5	
CALM	/	/	/	/	/	/	/	/	/	/	/	10.9	/	/	
TOTALS	38.2	36.7	10.4	3.2	.5		.1					100.0	5.4	5.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: OCT HOURS: 18-20			
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		9.2	10.2	3.9	1.5	.1							24.9	6.6	6.0
020-040		3.2	1.1	.4	.1								4.8	4.6	4.0
050-070		1.4	.8										2.2	4.2	3.5
(E) 080-100		1.0	.8										1.7	4.6	4.0
110-130		1.7	.9										2.6	3.8	3.0
140-160		3.4	1.6										5.1	4.0	4.0
(S) 170-190		3.0	2.4	.6									6.0	5.0	4.5
200-220		2.4	.1										2.5	2.2	2.0
230-250		2.3	.3										2.6	2.6	2.0
(W) 260-280		8.5	2.2										10.6	3.3	3.0
290-310		6.1	.4										6.6	2.6	2.0
320-340		5.7	3.0	.5									9.2	4.3	4.0
VARIABLE			.1										.1	8.0	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	21.1	/	/
TOTALS		47.9	23.9	5.4	1.6	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.8	6.8	2.2	1.3	.1							20.1	5.9	5.0
020-040	2.0	1.3	.9	.3								4.5	6.5	6.0
050-070		1.2										1.2	2.7	2.0
(E) 080-100		.3										.3	3.7	4.0
110-130		.3	.3									.6	4.2	4.5
140-160		1.0	.3									1.3	3.8	3.0
(S) 170-190		.6	.8									1.4	4.8	5.0
200-220		.5	.2									.8	4.3	3.0
230-250		2.2	.1									2.3	2.0	2.0
(W) 260-280	12.3	2.6										14.8	3.1	3.0
290-310	12.7	1.2										13.9	2.8	2.0
320-340	7.8	4.8	.3		.2							13.2	4.5	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	25.6	/	/
TOTALS	50.7	18.4	3.4	1.6	.3							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: OCT HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	%		
(N) 350-010		9.7	8.5	3.3	1.3	.2							22.9	6.4	5.0
020-040		4.7	3.5	1.1	.2								9.4	5.6	5.0
050-070		2.9	1.2	.1	.0								4.2	3.9	4.0
(E) 080-100		1.8	.7										2.5	3.7	4.0
110-130		2.0	.7	.0									2.7	3.6	3.0
140-160		1.9	1.9	.3									4.0	5.0	5.0
(S) 170-190		1.5	1.7	.6	.1	.1	.0	.0	.0	.0			4.0	7.3	6.0
200-220		.9	.2	.1									1.2	4.0	3.0
230-250		1.5	.2	.0									1.7	2.9	2.0
(W) 260-280		6.4	1.4										7.8	3.2	3.0
290-310		6.	.8	.0									7.3	2.8	2.0
320-340		5.6	3.8	.5	.1	.1							10.1	4.8	4.0
VARIABLE		.3	.2	.0	.0	.0							.6	9.9	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	21.4	/	/
TOTALS		45.3	24.9	6.2	1.7	.4							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.4	15.6	1.9	.8	.2							34.9	5.3	5.0
020-040	5.8	2.9	.5	.1								9.3	4.4	4.0
050-070	2.2	.6		.1								2.8	4.0	4.0
(E) 080-100	.8	.5										1.3	3.9	4.0
110-130	.8	.3										1.1	3.3	3.0
140-160	.4	.2										.6	3.2	3.0
(S) 170-190	.8		.1	.3	.2	.1	.3	.1				1.9	17.3	20.0
200-220	.3	.1	.1									.5	4.4	1.0
230-250	1.3	.1										1.4	2.2	2.0
(W) 260-280	2.9	.2										3.1	2.5	2.0
290-310	4.5	.9										5.5	2.9	2.0
320-340	8.3	6.5	.6		.3							15.7	4.9	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	219	/	/
TOTALS	44.5	27.9	3.1	1.1	.8	.2	.1	.3	.1			100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 1059

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: NOV HOURS: 00-02											
DIRECTION (DEGREES)	(N)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		8.4	6.9	1.3									16.7	4.9	4.0
020-040		1.7	.9	.4									3.0	5.1	4.0
050-070		.8	.2										1.0	3.3	3.0
(E) 080-100		.2											.2	1.5	1.5
110-130		.2											.2	1.5	1.5
140-160		.4	.1										.6	2.6	2.0
(S) 170-190		.4											.4	2.5	2.5
200-220		.4	.1										.6	3.0	2.0
230-250		2.1	.2										2.3	2.6	2.0
(W) 260-280		13.2	2.2										15.4	3.1	3.0
290-310		13.9	2.2										16.1	3.0	3.0
320-340		8.0	3.3	.4									11.8	3.9	3.5
VARIABLE															
CALM													31.7		
TOTALS		49.7	16.1	2.1									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

**PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS**

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEAN WIND
(N) 350-010		9.2	3.7	2.1									15.0	4.7	4.0
020-040		3.1	1.1	.1									4.3	4.0	3.0
050-070		.2	.2										.4	5.0	5.0
(E) 080-100		.8											.8	2.7	3.0
110-130		.2											.2	1.5	1.5
140-160		.2											.2	2.0	2.0
(S) 170-190		.1	.2										.3	5.0	5.0
200-220		.1											.1	4.0	4.0
230-250		2.1	.1										2.2	2.0	2.0
(W) 260-280		11.6	3.1										14.7	3.2	3.0
290-310		12.9	3.3										16.2	3.0	3.0
320-340		6.0	2.9	.3									9.2	4.1	4.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	36.2	/	/
TOTALS		46.5	14.6	2.5									100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.6	6.3	1.1	.4	.1							17.6	4.9	4.0
020-040	3.0	1.2	.7									4.9	4.6	2.5
050-070	.7											.7	2.7	2.5
(E) 080-100	.4	.1										.6	2.8	2.0
110-130	.6											.6	2.0	2.0
140-160	.3											.3	2.0	2.0
(S) 170-190	.3											.3	2.0	1.0
200-220	.3	.1										.4	4.0	3.5
230-250	1.8	.2										2.0	3.2	3.0
(W) 260-280	11.8	3.8										15.6	3.2	3.0
290-310	12.8	1.8										14.6	2.9	3.0
320-340	5.9	2.4	.2	.2								8.8	4.1	3.0
VARIABLE		.1										.1	8.0	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	33.7	/	/
TOTALS	47.5	16.0	2.0	.6	.1							10.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.4	10.9	3.2	.8	.3							23.7	6.4	5.0
020-040	8.2	5.4	1.8	1.0	.1							16.6	5.8	5.0
050-070	6.0	1.9										7.9	3.2	3.0
(E) 080-100	4.8	1.0										5.8	3.2	3.0
110-130	3.8	.8										4.6	3.1	3.0
140-160	3.6	1.0										4.6	3.2	3.0
(S) 170-190	1.7	.4										2.1	3.2	3.0
200-220	.9											.9	1.8	2.0
230-250	.6		.1	.1								.8	5.0	3.0
(W) 260-280	1.4		.1									1.6	2.9	2.0
290-310	1.6	.6										2.1	3.3	3.0
320-340	2.7	2.8	.9	.3	.1							6.8	6.1	5.0
VARIABLE		.3										.3	7.7	7.0
CALM	/	/	/	/	/	/	/	/	/	/	/	22.4	/	/
TOTALS	43.7	25.1	6.1	2.2	.5							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88													
		LST TO UTC: - 9		MONTH: NOV HOURS: 12-14													
		WIND SPEED IN KNOTS															
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND		
(N) 350-010		5.7	9.1	1.8	1.8	.9	.1						19.3	7.6	6.0		
020-040		8.3	7.8	2.4	1.2	.2							20.0	6.5	5.0		
050-070		7.1	5.0	.1									12.2	4.1	4.0		
(E) 080-100		7.4	2.2	.1									9.8	3.5	3.0		
110-130		6.8	2.7										9.4	3.4	3.0		
140-160		4.1	4.4	.3									8.9	4.8	5.0		
(S) 170-190		1.8	1.9	.4									4.1	5.1	5.0		
200-220		.9	.1	.2	.1								1.3	5.3	3.5		
230-250		.7	.4		.1								1.2	5.6	4.0		
(W) 260-280		.3		.2									.6	6.2	4.0		
290-310		.2	.2	.1	.1								.7	8.0	6.5		
320-340		1.3	1.7	.2	.1	.1							3.4	6.4	5.0		
VARIABLE		1.0													1.0	7.3	8.0
CALM		//////////													8.0	//////////	
TOTALS		44.6	36.5	5.8	3.4	1.2	.1						100.0	5.1	5.0		

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.3	9.1	4.3	2.2	.3							25.3	7.2	6.0
020-040	9.8	5.3	1.8	.7	.1	.1						17.8	5.5	4.0
050-070	4.7	2.3	.2									7.2	4.0	4.0
(E) 080-100	4.2	.6										4.8	2.8	3.0
110-130	3.7	.8										4.4	3.0	2.0
140-160	6.2	4.6	.4									11.2	4.6	4.0
(S) 170-190	2.8	1.7	.4	.1								5.0	5.0	4.0
200-220	.7	.2	.3									1.2	5.6	4.0
230-250	.7	.3										1.0	4.1	4.0
(W) 260-280	.9	.1	.1		.1							1.2	5.5	4.0
290-310	.6	.2	.1	.1	.1							1.1	7.2	5.5
320-340	2.7	1.3	.9									4.9	5.3	4.0
VARIABLE		.1										.1	8.0	8.0
CALM	/	/	/	/	/	/	/	/	/	/	/	14.7	/	/
TOTALS	46.3	26.6	8.5	3.1	.6	.1						100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	9.9	8.4	5.7	.9							24.9	6.6	5.0
020-040	3.2	3.0	.8	.3							7.3	5.9	5.0
050-070	1.4	.3	.1								1.9	3.7	3.0
(E) 080-100	1.2	.3									1.6	3.3	3.0
110-130	.4	.6									1.0	3.9	5.0
140-160	1.8	.3	.1								2.2	3.6	3.0
(S) 170-190	.4	.1	.1								.7	5.0	4.0
200-220	1.0	.4									1.4	3.8	3.0
230-250	3.3	.2									3.6	2.8	2.5
(W) 260-280	10.4	3.1		.1							13.7	3.5	4.0
290-310	9.1	1.1									10.2	2.8	2.5
320-340	6.2	3.4	.1	.2							10.0	4.4	4.0
VARIABLE	.1										.1	2.0	2.0
CALM	/	/	/	/	/	/	/	/	/	/	21.4	/	/
TOTALS	48.4	21.2	6.9	1.5							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	10.7	6.8	1.9	.6							19.9	5.3	4.0
020-040	3.6	1.9	.3								5.8	4.3	4.0
050-070	.3	.3									.7	4.2	4.0
(E) 080-100	.6	.2									.8	2.7	2.0
110-130	.6	.3									.9	3.6	3.0
140-160	.1	.1									.2	3.5	3.5
(S) 170-190	.2	.1									.3	4.0	4.0
200-220	.3	.2									.6	4.4	4.0
230-250	2.4	.1	.1								2.7	2.8	2.0
(W) 260-280	13.0	3.2	.1								16.3	3.4	3.0
290-310	14.0	1.6									15.6	2.7	2.0
320-340	8.0	2.0	.6	.1							10.7	3.8	3.0
VARIABLE	.2										.2	2.5	2.5
CALM	/	/	/	/	/	/	/	/	/	/	25.4	/	/
TOTALS	54.0	16.8	3.0	.7							100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: NOV HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
													%	WIND	WIND
(N)	350-010	8.9	7.7	2.7	.8	.2	.0						20.3	6.1	5.0
	020-040	5.1	3.3	1.0	.4	.1	.0						10.0	5.6	4.0
	050-070	2.7	1.3	.1									4.0	3.8	3.5
(E)	080-100	2.5	.6	.0									3.0	3.2	3.0
	110-130	2.0	.6										2.7	3.2	3.0
	140-160	2.1	1.3	.1									3.5	4.2	4.0
(S)	170-190	1.0	.6	.1	.0								1.7	4.5	4.0
	200-220	.6	.2	.1	.0								.8	4.2	3.0
	230-250	1.7	.2	.0	.0								2.0	3.1	2.0
(W)	260-280	7.8	1.9	.1	.0	.0							9.9	3.3	3.0
	290-310	8.1	1.4	.0	.0	.0							9.6	3.0	3.0
	320-340	5.1	2.5	.5	.1	.0							8.2	4.5	4.0
VARIABLE		.0	.2										.2	6.6	7.0
CALM		/	/	/	/	/	/	/	/	/	/	/	24.2	/	/
TOTALS		47.6	21.8	4.7	1.3	.3							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.9	13.5	2.8	.2								31.5	5.1	5.0
020-040	7.8	4.0	.1									11.9	4.1	4.0
050-070	1.9	.4										2.4	2.9	2.0
(E) 080-100	2.5	.4										2.9	3.1	3.0
110-130	1.0	.2										1.2	2.5	2.0
140-160	1.2	.1										1.3	2.3	1.5
(S) 170-190	.5	.1										.6	3.7	4.0
200-220	.1											.1	2.0	2.0
230-250	.4											.4	2.8	3.0
(W) 260-280	2.4	.3										2.7	2.8	2.0
290-310	4.1	.2										4.3	2.4	2.0
320-340	8.2	3.9	1.1	.1								13.3	4.8	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	27.4	/	/
TOTALS	45.0	23.1	4.0	.3								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88									
		LST TO UTC: - 9		MONTH: DEC HOURS: 00-02									
		WIND SPEED IN KNOTS											
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010		6.7	6.7	1.8	.2	.1							15.5
020-040		.8	.5	.3									1.6
050-070		.3											.3
(E) 080-100		.1	.1										.2
110-130													
140-160		.4											.4
(S) 170-190		.3											.3
200-220		.4	.5										1.0
230-250		3.5	.8										4.3
(W) 260-280		15.7	7.2										22.9
290-310		13.9	2.5	.1									16.5
320-340		5.9	2.4	1.1	.2								9.6
VARIABLE		.1	.1										.2
CALM		/	/	/	/	/	/	/	/	/	/	/	27.2
TOTALS		48.1	20.8	3.3	.4	.1							100.0
TOTAL NUMBER OF OBSERVATIONS 930													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	5.1	3.1	.1								14.5	6.1	5.0
020-040	1.2	.6	.5	.1								2.5	5.9	5.0
050-070	.6											.6	3.0	3.0
(E) 080-100														
110-130														
140-160	.2											.2	2.0	2.0
(S) 170-190	.3											.3	1.7	2.0
200-220	.5	.2	.2									1.0	4.9	3.0
230-250	3.5	.5	.1									4.2	3.2	3.0
(W) 260-280	15.6	6.8										22.4	3.7	4.0
290-310	12.6	2.5										15.1	3.1	3.0
320-340	4.0	2.5	.8	.2								7.4	5.1	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	31.8	/	/
TOTALS	44.7	18.2	4.7	.4								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN										PERIOD OF RECORD: MAR 78 - FEB 88			
		LST TO UTC: - 9										MONTH: DEC HOURS: 06-08			
WIND SPEED IN KNOTS															
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		7.5	4.8	1.7	1.2	.3							15.6	6.3	5.0
020-040		1.4	1.3	.4	.2								3.3	6.1	5.0
050-070		.4	.1										.5	3.2	3.0
(E) 080-100		.2	.1										.3	3.3	3.0
110-130		.1											.1	1.0	1.0
140-160		.2											.2	4.0	4.0
(S) 170-190		1.0											1.0	2.7	3.0
200-220		1.2	.2										1.4	3.1	2.0
230-250		4.3	.8										5.1	2.9	2.0
(W) 260-280		14.0	5.2										19.1	3.6	3.0
290-310		13.0	2.3										15.3	3.0	3.0
320-340		4.0	2.2	.9									7.0	4.8	4.0
VARIABLE		.1											.1	8.0	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	31.0	/	/
TOTALS		47.3	17.1	3.0	1.4	.3							100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	7.8	4.8	2.0	.2	.1						23.0	7.3	6.0
020-040	6.0	4.5	1.0	.4								11.9	5.1	4.0
050-070	3.5	1.4										4.9	3.3	3.0
(E) 080-100	3.0	.1										3.1	2.4	2.0
110-130	3.8	.4										4.2	2.7	2.0
140-160	3.5	.9	.2									4.6	3.7	3.0
(S) 170-190	2.0	.3	.1									2.5	3.4	2.0
200-220	.9	.2										1.1	3.3	2.0
230-250	2.0	.3	.2									2.6	3.8	3.0
(W) 260-280	3.5	.3	.1									4.0	3.0	3.0
290-310	3.8	.3	.2									4.3	3.1	2.0
320-340	2.9	1.9	1.9	.4								7.2	6.8	5.0
VARIABLE	.2	.1	.4									.8	7.9	10.0
CALM	/	/	/	/	/	/	/	/	/	/	/	25.8	/	/
TOTALS	43.1	18.5	8.9	2.8	.2	.1						100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88												
		LST TO UTC: - 9		MONTH: DEC HOURS: 12-14												
		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		2.8	6.5	4.8	3.0	1.1							18.2	9.8	9.0	
020-040		7.6	8.0	2.9	.8	.2							19.5	6.5	5.0	
050-070		7.4	4.5	.3									12.3	4.2	4.0	
(E) 080-100		5.6	2.0										7.6	3.7	4.0	
110-130		6.9	3.7										10.5	3.7	4.0	
140-160		6.5	4.5	.3									11.3	4.3	4.0	
(S) 170-190		1.9	1.3	1.3	.4								4.9	6.8	6.0	
200-220		1.0	.5	.1									1.6	4.7	4.0	
230-250		.8		.1									.9	3.1	2.0	
(W) 260-280		.5	.3	.4	.3								1.6	7.7	9.0	
290-310		.4	.3	.2	.1								1.1	6.6	5.0	
320-340		1.4	.6	1.1	1.0	.5							4.6	10.5	10.0	
VARIABLE		.1	.8	.3									1.2	7.7	8.0	
CALM		//////////												4.7	//////////	
TOTALS		42.9	33.0	11.8	5.6	1.8							100.0	5.9	5.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

**PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS**

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010		8.6	6.6	7.2	2.9	1.0						26.2	8.6	8.0
020-040		6.1	5.6	1.9	.3		.1					14.1	5.9	5.0
050-070		4.5	1.8									6.3	3.6	3.0
(E) 080-100		3.1	1.4									4.5	3.6	3.0
110-130		3.9	1.4									5.3	3.5	3.0
140-160		6.2	3.3	.1								9.7	4.0	4.0
(S) 170-190		3.4	1.9	.1								5.5	4.0	4.0
200-220		.8	.4	.2								1.4	5.2	4.0
230-250		1.3	.4	.1								1.8	4.0	3.0
(W) 260-280		1.0	.4	.3	.1							1.8	6.3	4.0
290-310		.6	.4	.3	.1							1.5	6.4	5.5
320-340		1.4	1.4	.6	.4	.3						4.2	8.4	6.0
VARIABLE		.2	.3	.1								.6	6.5	7.0
CALM		/	/	/	/	/	/	/	/	/	/	17.0	/	/
TOTALS		41.1	25.3	10.9	3.8	1.3	.1					100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: DEC HOURS: 18-20											
		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		8.2	8.4	4.1	1.6	.4							22.7	7.1	6.0
020-040		1.5	1.6	1.0									4.1	6.2	6.0
050-070		1.4	.9										2.3	3.9	3.0
(E) 080-100		1.0											1.0	2.6	3.0
110-130		.9	.1										1.0	2.6	2.0
140-160		.4	.2										.6	4.2	3.5
(S) 170-190		.3	.3										.6	4.7	5.0
200-220		.5											.5	1.6	2.0
230-250		3.5	1.3										4.8	3.5	3.0
(W) 260-280		17.3	6.2	.1									23.7	3.6	3.0
290-310		10.6	1.5										12.2	2.8	3.0
320-340		4.6	4.1	1.1	.8	.1							10.6	6.1	5.0
VARIABLE															
CALM		/	/	/	/	/	/	/	/	/	/	/	15.9	/	/
TOTAL		50.2	24.6	6.3	2.4	.5							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	7.4	3.0	.8								17.7	6.4	6.0
020-040	1.5	.9	.4									2.8	5.0	4.0
050-070	.1	.1										.2	5.0	5.0
(E) 080-100	.2	.1										.3	4.3	4.0
110-130	.1											.1	2.0	2.0
140-160	.1											.1	4.0	4.0
(S) 170-190	.1											.1	2.0	2.0
200-220	.5	.2										.8	3.6	3.0
230-250	4.0	1.0										4.9	3.4	3.0
(W) 260-280	18.9	5.5	.1									24.5	3.6	3.0
290-310	11.5	2.3	.2									14.0	3.1	2.0
320-340	8.1	3.0	.8	.4								12.3	4.5	3.5
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	22.2	/	/
TOTALS	51.7	20.5	4.5	1.2								100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: DEC HOURS: ALL											
		WIND SPEED IN KNOTS													
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
													%	WIND	WIND
(N) 350-010		6.8	6.7	3.8	1.5	.4	.0						19.2	7.3	6.0
020-040		3.3	2.9	1.1	.2	.0	.0						7.5	5.9	5.0
050-070		2.3	1.1	.0									3.4	3.8	3.0
(E) 080-100		1.7	.5										2.1	3.4	3.0
110-130		1.9	.7										2.6	3.4	3.0
140-160		2.2	1.1	.1									3.4	4.0	4.0
(S) 170-190		1.2	.5	.2	.1								1.9	4.6	4.0
200-220		.7	.3	.1									1.1	4.1	3.0
230-250		2.9	.6	.1									3.6	3.3	3.0
(W) 260-280		10.8	4.0	.1	.1								15.0	3.7	3.0
290-310		8.3	1.5	.1	.0								10.0	3.1	3.0
320-340		4.0	2.3	1.0	.4	.1							7.9	5.9	4.0
VARIABLE		.1	.2	.1									.4	7.3	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	21.9	/	/
TOTALS		46.2	22.4	6.7	2.3	.5							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	16.6	20.0	.9									37.4	4.9	5.0	
020-040	7.0	3.0	.4									10.4	4.0	4.0	
050-070	1.7	.2										1.9	3.1	3.0	
(E) 080-100	.2	.2										.4	4.5	4.5	
110-130	1.3											1.3	1.8	1.5	
140-160	1.3											1.3	2.2	2.0	
(S) 170-190	.4		.2									.6	5.3	2.0	
200-220			.4									.4	10.0	10.0	
230-250	1.3											1.3	2.5	2.5	
(W) 260-280	4.7	.2										4.9	2.4	2.0	
290-310	4.3	.9										5.1	2.7	2.0	
320-340	6.6	4.9	1.3									12.8	5.3	4.0	
VARIABLE															
CALM	/	/	/	/	/	/	/	/	/	/	/	22.1	/	/	
TOTALS	45.4	29.4	3.2									100.0	3.4	4.0	

TOTAL NUMBER OF OBSERVATIONS 470

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9		MONTH: ALL HOURS: ALL											
WIND SPEED IN KNOTS															
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(N) 350-010		7.8	7.3	3.0	1.1	.2	.0	.0					19.4	6.6	5.0
020-040		4.2	3.1	.9	.2	.0	.0						8.4	5.5	5.0
050-070		2.8	1.4	.1	.0								4.3	4.1	4.0
(E) 080-100		2.1	.9	.0	.0	.0							3.0	3.8	3.0
110-130		2.5	1.4	.1	.0	.0	.0						4.0	4.1	4.0
140-160		3.3	3.9	1.3	.2	.0		.0		.0			8.7	6.2	5.0
(S) 170-190		2.0	3.2	1.9	.4	.1	.0	.0	.0	.0			7.6	7.7	7.0
200-220		1.1	.5	.2	.0	.0							1.8	5.0	4.0
230-250		1.6	.3	.0	.0								2.0	3.2	2.0
(W) 260-280		5.0	1.3	.1	.0	.0	.0						6.4	3.4	3.0
290-310		4.7	.8	.1	.0	.0							5.6	3.1	3.0
320-340		4.1	2.2	.7	.2	.1	.0						7.2	5.3	4.0
VARIABLE		.0	.4	.2	.0	.0	.0						.6	9.2	8.0
CALM		/	/	/	/	/	/	/	/	/	/	/	21.0	/	/
TOTALS		41.2	26.7	8.6	2.1	.4							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS: 87681

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.1	14.1	2.4	.3	.0							30.9	5.3	5.0
020-040	7.6	4.1	.3	.0								12.0	4.2	4.0
050-070	3.9	1.3	.1	.0								5.3	3.8	3.0
(E) 080-100	2.1	.5	.1	.0	.0							2.8	3.7	3.0
110-130	1.9	.8	.1	.0	.0	.0						2.9	4.0	3.0
140-160	2.3	1.2	.4	.1	.1			.0				4.1	5.3	4.0
(S) 170-190	1.4	1.1	.6	.2	.1	.0	.0	.0	.0			3.4	7.0	5.0
200-220	.7	.1	.0	.0								.9	3.6	3.0
230-250	.8	.1										.8	2.4	2.0
(W) 260-280	1.6	.1										1.7	2.5	2.0
290-310	2.3	.4	.0									2.7	2.9	2.0
320-340	5.0	3.3	.9	.1	.0							9.4	5.2	4.0
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/	23.1	/	/
TOTALS	43.7	27.1	4.9	.7	.2							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS: 13286

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS. BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....	CLEAR
1/8 THRU 4/8.....	SCATTERED
5/8 THRU 7/8.....	BROKEN
8/8.....	OVERCAST

NOTE 3 "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: JAN HOURS: 00-02											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		67.8	69.1	71.8	71.8	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE 20000		69.9	71.2	74.2	74.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 18000		70.3	71.6	74.6	74.6	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 16000		70.3	71.6	74.6	74.6	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 14000		70.4	71.7	74.7	74.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
GE 12000		70.5	71.8	74.8	74.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
GE 10000		72.9	74.2	77.2	77.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 9000		73.2	74.5	77.5	77.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 8000		74.8	76.1	79.6	79.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
GE 7000		74.8	76.1	79.6	79.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
GE 6000		75.3	76.6	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
GE 5000		77.3	78.6	82.2	82.2	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 4500		78.3	79.6	83.5	83.5	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	
GE 4000		82.4	83.7	88.2	88.2	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 3500		84.2	85.5	90.0	90.0	92.0	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 3000		85.2	86.5	91.4	91.4	93.5	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 2500		85.4	86.8	91.8	91.8	94.0	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 2000		85.8	87.2	92.4	92.4	94.8	95.2	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 1800		85.9	87.3	92.8	92.8	95.3	95.6	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 1500		86.0	87.4	92.9	92.9	95.6	96.1	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1200		86.0	87.4	92.9	92.9	95.7	96.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1000		86.0	87.4	92.9	92.9	95.7	96.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 900		86.0	87.4	93.1	93.1	95.9	96.5	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 800		86.0	87.4	93.1	93.1	95.9	96.5	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 700		86.0	87.4	93.1	93.1	95.9	96.5	97.4	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 600		86.0	87.4	93.1	93.1	96.0	96.6	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5	
GE 500		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.5	98.6	98.7	98.7	99.0	99.0	99.0	99.2	99.2	
GE 400		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.7	98.8	98.9	98.9	99.4	99.4	99.6	99.6	99.6	
GE 300		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.7	98.8	99.0	99.0	99.5	99.5	99.7	99.9	99.9	
GE 200		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.7	98.8	99.0	99.0	99.5	99.5	99.7	100.0	100.0	
GE 100		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.7	98.8	99.0	99.0	99.5	99.5	99.7	99.7	100.0	
GE 000		86.0	87.4	93.1	93.1	96.0	96.6	98.0	98.3	98.7	98.8	99.0	99.0	99.5	99.5	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	69.6	70.6	72.9	72.9	74.	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 20000	72.2	73.4	75.8	75.8	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 18000	72.6	73.9	76.2	76.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	72.6	73.9	76.2	76.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	72.7	74.0	76.6	76.6	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	72.8	74.1	76.7	76.7	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 10000	74.7	76.0	78.6	78.6	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	75.2	76.5	79.1	79.1	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	76.6	77.8	80.6	80.6	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	77.1	78.4	81.3	81.3	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	77.3	78.6	81.5	81.5	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	79.1	80.4	83.5	83.5	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	80.8	82.0	85.2	85.2	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	83.5	84.9	88.2	88.2	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	85.8	87.2	90.4	90.4	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	87.4	88.8	92.4	92.4	94.2	94.3	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	88.1	89.5	93.1	93.1	95.2	95.3	95.8	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	88.3	89.7	93.3	93.3	95.7	95.8	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	88.5	89.9	93.5	93.5	96.0	96.1	96.9	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	89.0	90.4	94.1	94.1	96.6	96.7	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	89.0	90.4	94.1	94.1	96.6	96.7	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	89.0	90.4	94.1	94.1	96.6	96.7	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	89.0	90.4	94.1	94.1	96.6	96.7	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	89.0	90.4	94.2	94.2	96.8	97.0	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	89.0	90.4	94.2	94.2	96.8	97.0	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	89.0	90.4	94.2	94.2	96.9	97.1	98.0	98.3	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.0	90.4	94.2	94.2	96.9	97.1	98.0	98.3	98.6	98.7	99.	99.4	99.4	99.4	99.4	99.4
GE 400	89.0	90.4	94.2	94.2	96.9	97.1	98.2	98.5	98.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	89.0	90.4	94.2	94.2	96.9	97.1	98.2	98.5	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.0	90.4	94.2	94.2	96.9	97.1	98.2	98.5	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.0	90.4	94.2	94.2	96.9	97.1	98.2	98.5	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.0	90.4	94.2	94.2	96.9	97.1	98.2	98.5	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 85														
				LST TO UTC: - 9				MONTH: JAN HOURS: 06-08														
CEILING		VISIBILITY IN METERS																				
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	GE	GE	GE	GE	GE
NO CEIL		65.4	67.2	70.2	70.2	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 20000		67.8	69.8	73.1	73.1	74.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000		68.4	70.3	73.7	73.7	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 16000		68.4	70.3	73.7	73.7	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000		68.6	70.5	73.9	73.9	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000		69.0	71.0	74.3	74.3	76.0	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000		70.4	72.6	76.3	76.3	78.1	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000		70.8	72.9	76.7	76.7	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000		72.7	74.8	78.6	78.6	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000		73.2	75.4	79.1	79.1	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000		73.9	76.1	79.9	79.9	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000		75.7	78.0	81.8	81.8	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500		77.7	80.0	84.0	84.0	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000		80.6	83.1	87.2	87.2	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 3500		82.3	84.8	88.9	88.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 3000		83.1	85.8	90.4	90.4	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
GE 2500		83.1	85.8	90.4	90.4	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 2000		83.8	86.5	91.4	91.4	94.8	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
GE 1800		84.0	86.7	91.6	91.6	95.3	95.7	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1500		84.5	87.3	92.5	92.5	96.2	96.7	97.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
GE 1200		84.5	87.3	92.5	92.5	96.2	96.7	97.3	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
GE 1000		84.5	87.3	92.5	92.5	96.2	96.9	97.6	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 900		84.5	87.3	92.5	92.5	96.2	96.9	97.6	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 800		84.5	87.3	92.5	92.5	96.2	97.0	97.7	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 700		84.5	87.3	92.5	92.5	96.2	97.0	97.7	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 600		84.7	87.5	92.7	92.7	96.6	97.3	98.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 500		84.7	87.5	92.7	92.7	96.6	97.3	98.1	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400		84.7	87.5	92.8	92.8	96.7	97.4	98.3	98.5	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 300		84.7	87.5	92.8	92.8	96.7	97.4	98.3	98.5	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 200		84.7	87.5	92.8	92.8	96.7	97.4	98.3	98.5	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100		84.7	87.5	92.8	92.8	96.7	97.4	98.3	98.5	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000		84.7	87.5	92.8	92.8	96.7	97.4	98.3	98.5	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	61.6	63.4	70.1	70.1	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 20000	65.6	67.5	74.9	74.9	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
GE 18000	66.0	68.1	75.5	75.5	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 16000	66.0	68.1	75.5	75.5	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 14000	66.7	68.8	76.3	76.3	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 12000	66.7	68.8	76.3	76.3	79.0	79.0	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 10000	67.3	69.6	77.5	77.5	80.4	80.5	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
GE 9000	67.4	69.7	77.6	77.6	80.5	80.8	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
GE 8000	68.8	71.1	79.1	79.1	82.4	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 7000	69.9	72.2	80.4	80.4	83.8	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 6000	70.0	72.3	80.6	80.6	84.0	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 5000	71.3	73.5	81.9	81.9	85.7	85.9	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 4500	73.1	75.4	83.8	83.8	87.5	87.7	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 4000	76.5	78.7	87.7	87.7	91.7	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.6
GE 3500	77.2	79.5	88.5	88.5	92.8	93.1	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.9
GE 3000	78.0	80.2	89.5	89.5	93.8	94.1	94.2	94.6	94.6	94.8	94.8	94.9	95.1	95.1	95.1	95.2
GE 2500	78.1	80.3	89.8	89.8	94.5	94.8	95.1	95.6	95.7	95.9	95.9	95.9	96.0	96.1	96.1	96.2
GE 2000	78.1	80.3	90.0	90.0	94.7	95.1	95.3	95.8	95.9	96.1	96.1	96.1	96.3	96.5	96.5	96.6
GE 1800	78.2	80.4	90.1	90.1	94.8	95.2	95.4	95.9	96.0	96.2	96.2	96.2	96.5	96.6	96.6	96.7
GE 1500	78.5	80.8	90.6	90.6	95.5	95.8	96.0	96.6	96.8	97.0	97.1	97.1	97.3	97.4	97.4	97.5
GE 1200	78.5	80.8	90.8	90.8	95.7	96.0	96.2	96.8	97.0	97.2	97.5	97.5	97.7	97.8	97.8	98.0
GE 1000	78.5	80.8	90.8	90.8	96.0	96.3	96.7	97.2	97.5	97.7	98.1	98.1	98.4	98.5	98.5	98.6
GE 900	78.5	80.8	90.8	90.8	96.1	96.5	96.9	97.3	97.5	97.8	98.2	98.2	98.5	98.6	98.6	98.7
GE 800	78.5	80.8	90.8	90.8	96.2	96.7	97.1	97.7	98.1	98.4	98.7	98.7	99.0	99.1	99.1	99.2
GE 700	78.5	80.8	90.8	90.8	96.2	96.7	97.2	97.8	98.2	98.6	98.9	98.9	99.2	99.4	99.4	99.5
GE 600	78.5	80.8	90.8	90.8	96.2	96.7	97.2	97.8	98.2	98.6	99.0	99.0	99.4	99.5	99.5	99.6
GE 500	78.5	80.8	90.8	90.8	96.2	96.7	97.2	97.8	98.3	98.7	99.1	99.1	99.5	99.6	99.6	99.7
GE 400	78.5	80.8	90.8	90.8	96.2	96.8	97.4	98.1	98.5	98.9	99.5	99.5	99.8	99.9	99.9	100.0
GE 300	78.5	80.8	90.8	90.8	96.2	96.8	97.4	98.1	98.5	98.9	99.5	99.5	99.8	99.9	99.9	100.0
GE 200	78.5	80.8	90.8	90.8	96.2	96.8	97.4	98.1	98.5	98.9	99.5	99.5	99.8	99.9	99.9	100.0
GE 100	78.5	80.8	90.8	90.8	96.2	96.8	97.4	98.1	98.5	98.9	99.5	99.5	99.8	99.9	99.9	100.0
GE 000	78.5	80.8	90.8	90.8	96.2	96.8	97.4	98.1	98.5	98.9	99.5	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
	LST TO UTC: - 9			MONTH: JAN HOURS: 12-14															
CEILING IN FEET	VISIBILITY IN METERS																		
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00			
NO CEIL	60.9	61.8	67.4	67.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 20000	66.2	67.2	74.1	74.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	66.7	67.8	74.5	74.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	66.7	67.6	74.5	74.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	66.9	67.8	74.7	74.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	67.3	68.3	75.3	75.3	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	68.8	69.8	77.0	77.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	69.0	70.0	77.2	77.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8000	70.2	71.3	78.5	78.5	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	71.1	72.2	79.4	79.4	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	71.2	72.3	79.6	79.6	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	72.9	74.0	81.3	81.3	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	74.0	75.1	82.4	82.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	78.1	79.4	87.2	87.2	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	78.8	80.2	88.6	88.6	93.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	80.1	81.5	90.4	90.4	95.3	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	80.1	81.5	90.8	90.8	95.7	96.3	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	80.1	81.5	91.0	91.0	96.0	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	80.1	81.5	91.0	91.0	96.0	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	80.1	81.5	91.0	91.0	96.3	97.2	97.4	97.5	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	80.1	81.5	91.1	91.1	96.7	97.5	97.7	98.0	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	80.1	81.5	91.1	91.1	96.8	97.6	97.8	98.1	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	80.1	81.5	91.1	91.1	97.0	97.3	98.1	98.3	98.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	98.9	99.4	99.4	99.5	99.5			
GE 400	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	98.9	99.0	99.1	99.6	99.6	99.8	99.8	99.8
GE 300	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	99.0	99.2	99.7	99.8	100.0	100.0		
GE 200	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	99.0	99.2	99.7	99.8	100.0	100.0		
GE 100	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.4	98.7	98.8	99.0	99.2	99.7	99.8	100.0	100.0		
GE 000	80.1	81.5	91.1	91.1	97.0	97.8	98.2	98.4	98.6	98.9	99.0	99.2	99.7	99.8	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	54.1	55.4	61.3	61.3	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	57.8	59.1	66.7	66.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	58.7	60.0	67.5	67.5	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	58.7	60.0	67.5	67.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	58.9	60.2	67.7	67.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	59.5	60.8	68.5	68.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	61.6	63.1	71.7	71.7	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	61.9	63.4	72.2	72.2	76.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	64.4	65.9	74.9	74.9	79.4	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	65.3	66.8	75.8	75.8	80.2	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	65.3	66.8	75.8	75.8	80.2	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	66.8	68.3	77.5	77.5	82.2	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	68.6	70.1	79.6	79.6	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	73.4	75.2	85.8	85.8	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	74.8	76.6	87.3	87.3	92.9	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	75.7	77.4	88.3	88.3	94.3	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	75.7	77.4	88.3	88.3	94.5	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	75.7	77.4	88.4	88.4	94.9	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	75.7	77.4	88.6	88.6	95.3	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	75.7	77.4	88.8	88.8	95.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	75.7	77.4	88.8	88.8	95.7	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	75.7	77.4	88.8	88.8	95.7	96.8	97.6	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	75.7	77.4	88.8	88.8	95.7	96.9	97.7	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 800	75.7	77.4	88.8	88.8	95.7	96.9	97.7	97.8	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 700	75.7	77.4	88.8	88.8	95.7	96.9	97.7	97.8	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 600	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.8	98.9	98.9	99.2	99.2	99.4	99.4
GE 500	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.8	98.9	98.9	99.2	99.2	99.5	99.5
GE 400	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.9	99.0	99.0	99.6	99.8	100.0	100.0
GE 300	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.9	99.0	99.0	99.6	99.8	100.0	100.0
GE 200	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.9	99.0	99.0	99.6	99.8	100.0	100.0
GE 100	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.9	99.0	99.0	99.6	99.8	100.0	100.0
GE 000	75.7	77.4	88.8	88.8	95.7	97.0	97.8	98.0	98.3	98.9	99.0	99.0	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	58.3	58.9	64.1	64.1	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	62.3	62.9	69.4	69.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	62.4	63.0	69.5	69.5	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	62.4	63.0	69.5	69.5	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	62.5	63.1	69.6	69.6	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	62.6	63.2	69.7	69.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	65.6	66.2	73.3	73.3	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	66.5	67.1	74.2	74.2	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	67.6	68.3	76.2	76.2	80.1	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	68.5	69.1	77.3	77.3	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	68.5	69.1	77.3	77.3	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	70.0	70.6	79.0	79.0	82.9	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	71.7	72.4	81.2	81.2	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	74.2	75.1	84.3	84.3	88.9	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	75.6	76.5	85.8	85.8	90.6	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	76.7	77.5	87.4	87.4	93.0	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	76.7	77.5	87.4	87.4	93.1	94.0	94.6	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	76.9	77.7	87.7	87.7	93.7	94.6	95.3	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	76.9	77.7	87.8	87.8	93.9	95.2	96.0	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	77.0	77.8	88.1	88.1	94.3	95.6	96.5	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	77.0	77.8	88.2	88.2	94.4	95.7	96.7	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	77.1	78.0	88.3	88.3	94.7	96.1	97.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
CE 700	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.1	78.0	88.3	88.3	94.7	96.2	97.2	98.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	63.8	65.1	69.1	69.1	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 20000	66.1	67.4	72.2	72.2	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	66.5	67.7	72.7	72.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	66.5	67.7	72.7	72.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	66.5	67.7	72.7	72.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	66.5	67.7	72.7	72.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	68.8	70.1	75.5	75.5	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	69.2	70.5	76.1	76.1	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	71.0	72.3	78.4	78.4	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	71.2	72.5	78.6	78.6	80.5	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	71.3	72.7	78.8	78.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	72.9	74.4	80.9	80.9	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	74.4	75.9	82.7	82.7	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	76.5	78.1	85.4	85.4	88.0	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	77.4	79.4	86.9	86.9	89.7	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	78.7	80.8	89.0	89.0	92.5	92.7	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	78.9	81.0	89.4	89.4	92.8	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	79.1	81.2	90.1	90.1	93.9	94.4	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	79.1	81.2	90.1	90.1	93.9	94.4	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	79.1	81.2	90.2	90.2	94.5	95.1	95.6	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	79.1	81.2	90.3	90.3	94.7	95.3	95.8	96.3	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 1000	79.1	81.2	90.4	90.4	94.8	95.5	96.3	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 900	79.1	81.2	90.4	90.4	94.8	95.5	96.3	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 800	79.1	81.2	90.5	90.5	94.9	95.6	96.5	97.1	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8
GE 700	79.1	81.2	90.5	90.5	94.9	95.6	96.5	97.2	97.3	97.6	97.8	97.8	98.0	98.0	98.0	98.0
GE 600	79.1	81.2	90.6	90.6	95.2	95.8	96.7	97.4	97.5	97.8	98.3	98.4	98.7	98.8	98.8	98.8
GE 500	79.1	81.2	90.6	90.6	95.2	95.8	96.9	97.7	97.8	98.2	98.7	98.8	99.1	99.2	99.2	99.2
GE 400	79.1	81.2	90.6	90.6	95.2	95.8	97.1	98.0	98.1	98.5	99.0	99.1	99.5	99.6	99.6	99.6
GE 300	79.1	81.2	90.6	90.6	95.2	95.8	97.1	98.0	98.1	98.5	99.0	99.4	99.7	99.8	99.8	99.8
GE 200	79.1	81.2	90.6	90.6	95.2	95.8	97.1	98.0	98.1	98.5	99.0	99.4	99.8	99.9	99.9	100.0
GE 100	79.1	81.2	90.6	90.6	95.2	95.8	97.1	98.0	98.1	98.5	99.0	99.4	99.8	99.9	99.9	100.0
GE 000	79.1	81.2	90.6	90.6	95.2	95.8	97.1	98.0	98.1	98.5	99.0	99.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88															
		LST TO UTC: - 9		MONTH: JAN HOURS: ALL															
CEILING		VISIBILITY IN METERS																	
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00			
NO CEIL	62.7	64.0	68.4	68.4	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	
GE 20000	66.0	67.3	72.5	72.5	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 18000	66.4	67.8	73.0	73.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
GE 16000	66.4	67.8	73.0	73.0	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
GE 14000	66.6	68.0	73.3	73.3	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 12000	66.9	68.2	73.5	73.5	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 10000	68.8	70.2	75.9	75.9	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	
GE 9000	69.2	70.6	76.3	76.3	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 8000	70.8	72.2	78.3	78.3	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
GE 7000	71.4	72.8	78.9	78.9	81.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	
GE 6000	71.6	73.1	79.2	79.2	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 5000	73.3	74.7	81.0	81.0	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 4500	74.8	76.3	82.8	82.8	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	
GE 4000	78.1	79.8	86.7	86.7	90.1	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	
GE 3500	79.5	81.2	88.3	88.3	91.8	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 3000	80.6	82.3	89.9	89.9	93.8	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	
GE 2500	80.8	82.5	90.1	90.1	94.2	94.7	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	
GE 2000	81.0	82.7	90.5	90.5	94.8	95.3	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1800	81.0	82.8	90.7	90.7	95.1	95.6	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	
GE 1500	81.3	83.0	91.0	91.0	95.6	96.2	96.8	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 1200	81.3	83.0	91.1	91.1	95.7	96.4	97.0	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1000	81.3	83.0	91.1	91.1	95.8	96.5	97.2	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
GE 900	81.3	83.0	91.1	91.1	95.9	96.6	97.3	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
GE 800	81.3	83.0	91.2	91.2	95.9	96.7	97.5	97.8	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	
GE 700	81.3	83.0	91.2	91.2	95.9	96.7	97.5	97.9	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	
GE 600	81.3	83.0	91.2	91.2	96.0	96.8	97.6	98.0	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	
GE 500	81.3	83.0	91.2	91.2	96.0	96.8	97.7	98.1	98.4	98.8	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	
GE 400	81.3	83.0	91.2	91.2	96.0	96.8	97.8	98.3	98.6	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.	99.	
GE 300	81.3	83.0	91.2	91.2	96.0	96.8	97.8	98.3	98.6	99.1	99.4	99.5	99.7	99.8	99.9	99.9	100.0	100.0	
GE 200	81.3	83.0	91.2	91.2	96.0	96.8	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0	
GE 100	81.3	83.0	91.2	91.2	96.0	96.8	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0	
GE 000	81.3	83.0	91.2	91.2	96.0	96.8	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	57.2	58.2	60.7	60.7	62.1	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	58.2	59.1	62.1	62.1	63.5	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	58.9	59.8	62.8	62.8	64.2	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	58.9	59.8	62.8	62.8	64.2	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	58.9	59.8	62.8	62.8	64.2	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	59.8	60.8	63.7	63.7	65.1	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	61.6	62.5	65.8	65.8	67.3	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	62.5	63.5	66.8	66.8	68.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	65.7	66.7	70.6	70.6	72.4	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	66.2	67.1	71.0	71.0	73.0	73.4	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	66.3	67.3	71.1	71.1	73.1	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	68.6	69.6	73.7	73.7	75.9	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	70.1	71.1	75.6	75.6	77.9	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	74.4	75.6	80.8	80.8	83.3	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	75.1	76.3	81.9	81.9	84.5	84.8	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	77.6	78.9	85.2	85.2	88.0	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	78.3	79.6	86.3	86.3	89.8	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	78.9	80.2	87.2	87.2	91.3	91.6	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	79.2	80.4	87.4	87.4	91.5	91.9	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	79.6	80.9	88.2	88.2	93.2	93.5	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	80.1	81.4	89.0	89.0	94.1	94.5	95.5	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	80.1	81.4	89.2	89.2	94.5	94.9	96.0	96.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	80.1	81.4	89.2	89.2	94.5	94.9	96.0	96.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	80.2	81.5	89.3	89.3	94.6	95.1	96.1	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	80.2	81.5	89.3	89.3	94.7	95.3	96.3	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	80.2	81.5	89.3	89.3	94.8	95.4	96.5	97.3	97.4	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 500	80.2	81.5	89.4	89.4	95.1	95.6	96.8	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.4	98.4
GE 400	80.2	81.5	89.4	89.4	95.1	95.6	96.9	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 300	80.2	81.5	89.4	89.4	95.1	95.6	97.3	98.5	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 200	80.2	81.5	89.4	89.4	95.1	95.6	97.3	98.5	99.1	99.4	99.5	99.5	99.6	99.8	99.9	99.9
GE 100	80.2	81.5	89.4	89.4	95.1	95.6	97.3	98.5	99.1	99.4	99.5	99.5	99.6	99.8	99.9	100.0
GE 000	80.2	81.5	89.4	89.4	95.1	95.6	97.3	98.5	99.1	99.4	99.5	99.5	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: FEB HOURS: 03-05											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		58.1	59.6	62.2	62.2	62.9	62.9	62.9	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 20000		59.8	61.6	64.5	64.5	65.3	65.3	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 18000		60.3	62.1	65.0	65.0	65.7	65.7	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 16000		60.3	62.1	65.0	65.0	65.7	65.7	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 14000		60.3	62.1	65.0	65.0	65.7	65.7	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 12000		60.8	62.5	65.5	65.5	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 10000		62.5	64.3	67.7	67.7	68.4	68.4	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE 9000		63.3	65.0	68.4	68.4	69.1	69.1	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 8000		66.4	68.2	71.6	71.6	72.8	73.1	73.1	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 7000		67.4	69.3	72.7	72.7	73.9	74.2	74.2	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 6000		67.4	69.3	72.7	72.7	73.9	74.2	74.2	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 5000		70.0	71.8	75.4	75.4	76.6	76.9	76.9	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 4500		71.3	73.1	77.0	77.0	78.2	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
GE 4000		74.8	76.9	81.2	81.2	83.2	83.5	83.5	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
GE 3500		75.6	77.7	82.4	82.4	84.5	84.8	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 3000		77.6	79.7	84.8	84.8	86.8	87.4	87.4	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 2500		78.3	80.4	86.0	86.0	88.3	88.9	88.9	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 2000		79.5	81.6	87.4	87.4	90.8	91.4	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 1800		79.6	81.7	87.8	87.8	91.2	91.8	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1500		80.2	82.3	88.5	88.5	92.5	93.1	93.5	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
GE 1200		80.6	82.7	88.8	88.8	92.9	93.6	94.1	94.8	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 1000		80.7	82.8	88.9	88.9	93.2	93.9	94.3	95.2	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 900		80.7	82.8	88.9	88.9	93.2	93.9	94.3	95.2	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 800		80.7	82.8	89.0	89.0	93.3	94.0	94.5	95.3	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	
GE 700		80.7	82.8	89.0	89.0	93.4	94.1	94.	95.4	95.5	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	
GE 600		80.7	82.8	89.0	89.0	93.6	94.3	94.8	95.8	95.9	96.6	96.9	96.9	97.2	97.2	97.2	97.2	97.2	
GE 500		80.9	83.0	89.4	89.4	94.2	94.9	96.0	97.3	97.5	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	
GE 400		80.9	83.0	89.4	89.4	94.2	94.9	96.0	97.4	97.6	98.4	98.7	98.7	99.1	99.1	99.1	99.1	99.1	
GE 300		80.9	83.0	89.4	89.4	94.3	95.1	96.1	97.6	97.9	98.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	
GE 200		80.9	83.0	89.4	89.4	94.3	95.1	96.1	97.6	98.0	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	
GE 100		80.9	83.0	89.4	89.4	94.3	95.1	96.1	97.6	98.0	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 000		80.9	83.0	89.4	89.4	94.3	95.1	96.1	97.6	98.0	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	56.2	57.2	60.5	60.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0
GE 20000	58.9	60.1	63.7	63.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 18000	59.6	60.8	64.7	64.7	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 16000	59.6	60.8	64.7	64.7	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 14000	59.8	61.0	64.9	64.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 12000	60.0	61.1	65.0	65.0	66.2	66.2	66.2	66.	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 10000	61.4	62.5	66.4	66.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 9000	62.0	63.1	67.4	67.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9
GE 8000	64.0	65.1	69.6	69.6	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6
GE 7000	65.1	66.3	70.8	70.8	72.2	72.4	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.9
GE 6000	65.3	66.4	71.0	71.0	72.4	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
GE 5000	67.7	68.9	73.7	73.7	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0
GE 4500	69.8	71.0	76.2	76.2	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.7
GE 4000	74.6	75.9	82.0	82.0	84.0	84.3	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.9
GE 3500	75.5	76.8	83.4	83.4	85.6	86.1	86.2	86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.7
GE 3000	76.4	77.7	84.6	84.6	87.0	87.5	87.6	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.1
GE 2500	77.3	78.6	85.4	85.4	88.3	88.8	88.9	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.6
GE 2000	78.1	79.5	87.0	87.0	90.3	91.0	91.3	91.8	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.3
GE 1800	78.1	79.6	87.3	87.3	90.8	91.5	91.8	92.2	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.9
GE 1500	78.3	79.9	88.0	88.0	91.6	92.8	93.3	94.2	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.2
GE 1200	78.3	79.9	88.0	88.0	91.8	92.9	93.4	94.6	94.7	95.3	95.4	95.5	95.5	95.5	95.5	95.6
GE 1000	78.3	79.9	88.1	88.1	92.0	93.3	93.8	95.1	95.2	95.9	96.0	96.1	96.1	96.1	96.1	96.2
GE 900	78.3	79.9	88.1	88.1	92.0	93.3	93.8	95.1	95.2	95.9	96.0	96.1	96.1	96.1	96.1	96.2
GE 800	78.3	79.9	88.1	88.1	92.0	93.3	93.8	95.2	95.3	96.0	96.1	96.2	96.6	96.6	96.6	96.7
GE 700	78.3	79.9	88.1	88.1	92.1	93.4	93.9	95.3	95.4	96.2	96.3	96.5	96.8	96.8	96.8	96.9
GE 600	78.3	79.9	88.1	88.1	92.1	93.4	94.0	95.5	95.6	96.5	96.6	96.7	97.1	97.1	97.1	97.2
GE 500	78.3	79.9	88.1	88.1	92.2	93.5	94.1	95.9	96.2	97.5	97.8	97.9	98.7	98.7	98.7	98.8
GE 400	78.3	79.9	88.1	88.1	92.3	93.6	94.2	96.1	96.6	97.9	98.1	98.2	99.1	99.1	99.2	99.3
GE 300	78.3	79.9	88.1	88.1	92.5	93.8	94.3	96.2	96.8	98.5	98.7	98.8	99.8	99.8	99.9	100.0
GE 200	78.3	79.9	88.1	88.1	92.5	93.8	94.3	96.2	96.8	98.5	98.7	98.8	99.8	99.8	99.9	100.0
GE 100	78.3	79.9	88.1	88.1	92.5	93.8	94.3	96.2	96.8	98.5	98.7	98.8	99.8	99.8	99.9	100.0
GE 000	78.3	79.9	88.1	88.1	92.5	93.8	94.3	96.2	96.8	98.5	98.7	98.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	51.8	53.1	58.7	58.7	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	56.1	57.6	64.7	64.7	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
GE 18000	56.8	58.3	65.8	65.8	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
GE 16000	56.8	58.3	65.8	65.8	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
CE 14000	57.4	58.9	66.4	66.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 12000	58.2	59.7	67.3	67.3	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 10000	59.8	61.4	69.7	69.7	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 9000	60.2	61.7	70.1	70.1	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 8000	60.9	62.4	71.5	71.5	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 7000	62.3	64.0	73.3	73.3	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 6000	62.3	64.0	73.3	73.3	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 5000	63.1	64.8	74.9	74.9	77.3	77.5	77.6	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 4500	63.8	65.6	76.1	76.1	78.4	78.7	78.8	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 4000	66.5	68.3	81.0	81.0	83.5	84.0	84.2	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9
GE 3500	67.3	69.0	82.2	82.2	84.9	85.6	86.0	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7
GE 3000	67.8	69.7	83.3	83.3	86.6	87.3	87.6	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 2500	68.3	70.2	84.7	84.7	88.5	89.2	89.8	90.0	90.1	90.2	90.3	90.3	90.5	90.5	90.5	90.5
GE 2000	68.6	70.4	85.0	85.0	90.0	90.9	91.5	91.8	91.9	92.0	92.2	92.2	92.3	92.3	92.5	92.5
GE 1800	68.6	70.4	85.2	85.2	90.7	91.8	92.3	92.6	92.7	92.8	93.1	93.1	93.2	93.2	93.3	93.3
GF 1500	68.7	70.6	85.5	85.5	91.4	93.3	94.5	94.8	94.9	95.3	95.5	95.5	95.6	95.6	95.8	95.8
GE 1200	68.8	70.7	85.7	85.7	91.9	93.8	94.9	95.4	95.5	95.9	96.1	96.1	96.2	96.2	96.3	96.
GE 1000	68.8	70.7	85.7	85.7	91.9	93.9	95.1	95.8	95.9	96.2	96.5	96.5	96.6	96.6	97.1	97.1
GE 900	68.8	70.7	85.7	85.7	91.9	93.9	95.1	95.8	95.9	96.2	96.5	96.5	96.6	96.6	97.1	97.1
GE 800	68.8	70.7	85.9	85.9	92.1	94.1	95.3	96.0	96.1	96.6	96.8	96.8	97.2	97.2	97.6	97.6
GE 700	68.8	70.7	85.9	85.9	92.1	94.1	95.3	96.0	96.1	96.6	96.8	96.8	97.2	97.2	97.6	97.6
GE 600	68.8	70.7	85.9	85.9	92.1	94.1	95.3	96.0	96.1	96.6	96.8	96.8	97.2	97.2	97.6	97.6
GE 500	68.8	70.7	85.9	85.9	92.1	94.1	95.3	96.3	96.5	97.3	97.5	97.5	98.0	98.0	98.5	98.5
GE 400	68.8	70.7	85.9	85.9	92.1	94.1	95.3	96.3	96.5	97.5	97.9	97.9	98.7	98.7	99.2	99.2
GE 300	68.8	70.7	85.9	85.9	92.1	94.2	95.4	96.5	96.7	98.0	98.5	98.7	99.5	99.5	100.0	100.0
GE 200	68.8	70.7	85.9	85.9	92.1	94.2	95.4	96.5	96.7	98.0	98.5	98.7	99.5	99.5	100.0	100.0
GE 100	68.8	70.7	85.9	85.9	92.1	94.2	95.4	96.5	96.7	98.0	98.5	98.7	99.5	99.5	100.0	100.0
GE 000	68.8	70.7	85.9	85.9	92.1	94.2	95.4	96.5	96.7	98.0	98.5	98.7	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	47.9	49.1	53.7	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	55.0	56.5	62.8	62.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	55.7	57.2	63.6	63.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	55.7	57.2	63.6	63.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	56.2	57.7	64.3	64.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	57.0	58.5	65.4	65.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	58.7	60.2	67.3	67.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	59.2	60.8	68.2	68.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	61.1	62.7	70.7	70.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	61.4	62.9	71.4	71.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	61.4	62.9	71.5	71.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 5000	62.1	63.6	73.0	73.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	62.9	64.7	74.1	74.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000	66.9	68.8	79.3	79.3	81.5	81.5	81.7	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	68.9	70.8	81.9	81.9	84.3	84.3	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	70.3	72.2	84.2	84.2	87.2	87.3	87.5	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 2500	71.3	73.1	85.3	85.3	89.2	89.4	89.8	90.0	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	71.4	73.3	86.1	86.1	90.7	90.9	91.3	91.5	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.2
GE 1800	71.4	73.3	86.1	86.1	90.8	91.0	91.4	91.6	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3
GE 1500	71.5	73.4	86.5	86.5	91.5	92.1	92.7	93.4	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 1200	71.6	73.5	86.7	86.7	92.0	92.7	93.4	94.1	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1
GE 1000	71.6	73.5	86.8	86.8	92.5	93.2	93.9	94.6	94.8	95.2	95.5	95.5	95.8	95.8	95.9	95.9
GE 900	71.6	73.5	86.8	86.8	92.6	93.5	94.3	95.1	95.3	95.6	96.0	96.0	96.2	96.2	96.3	96.3
GE 800	71.6	73.5	86.8	86.8	92.6	93.5	94.5	95.3	95.5	95.9	96.3	96.3	96.7	96.7	96.9	96.9
GE 700	71.6	73.5	86.8	86.8	92.6	93.5	94.6	95.4	95.6	96.2	96.7	96.7	97.1	97.1	97.3	97.3
GE 600	71.6	73.5	86.8	86.8	92.6	93.5	94.7	95.5	96.2	96.9	97.5	97.5	98.0	98.0	98.2	98.2
GE 500	71.6	73.5	86.8	86.8	92.6	93.5	94.7	95.8	96.7	98.2	99.1	99.1	99.5	99.5	99.8	99.8
GE 400	71.6	73.5	86.8	86.8	92.7	93.6	94.8	96.0	96.9	98.5	99.3	99.3	99.8	99.8	100.0	100.0
GE 300	71.6	73.5	86.8	86.8	92.7	93.6	94.8	96.0	96.9	98.5	99.3	99.3	99.8	99.8	100.0	100.0
GE 200	71.6	73.5	86.8	86.8	92.7	93.6	94.8	96.0	96.9	98.5	99.3	99.3	99.8	99.8	100.0	100.0
GE 100	71.6	73.5	86.8	86.8	92.7	93.6	94.8	96.0	96.9	98.5	99.3	99.3	99.8	99.8	100.0	100.0
GE 000	71.6	73.5	86.8	86.8	92.7	93.6	94.8	96.0	96.9	98.5	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: FEB HOURS: 15-17											
CEILING		VISIBILITY IN METERS																	
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	02	00	08	00
NO CEIL	43.7	44.8	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	49.9	51.2	56.5	56.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	50.4	51.7	57.4	57.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	50.5	51.8	57.5	57.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	51.4	52.7	58.5	58.5	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	51.4	52.7	59.0	59.0	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	53.2	54.5	61.2	61.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	53.6	54.9	62.1	62.1	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	55.4	56.7	64.4	64.4	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	55.9	57.2	65.3	65.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	56.3	57.6	65.7	65.7	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	58.0	59.2	68.0	68.0	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	60.3	61.6	70.7	70.7	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	66.8	68.3	78.7	78.7	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	69.4	70.9	82.0	82.0	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	71.1	72.7	84.2	84.2	87.6	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	72.0	73.5	85.5	85.5	89.4	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	72.1	73.6	85.7	85.7	90.	90.6	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	72.1	73.6	85.7	85.7	90.3	90.6	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	72.2	73.7	86.0	86.0	91.2	91.6	92.5	93.5	93.5	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	72.2	73.7	86.0	86.0	91.5	92.1	93.2	94.2	94.2	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	72.2	73.7	86.1	86.1	92.0	92.8	94.0	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	72.2	73.7	86.1	86.1	92.0	92.8	94.0	95.2	95.2	95.5	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	72.2	73.7	86.1	86.1	92.2	93.1	94.3	95.5	95.6	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 700	72.2	73.7	86.1	86.1	92.2	93.3	94.6	95.8	95.9	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.5	96.8	97.3	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 500	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.5	96.8	97.5	98.4	98.4	98.8	98.9	99.2	99.2	99.2	99.2	99.2
GE 400	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.6	96.9	97.8	98.8	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8
GE 300	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.6	96.9	97.8	98.9	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9
GE 200	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.6	96.9	97.8	98.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.6	96.9	97.8	98.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	72.2	73.7	86.1	86.1	92.5	93.5	95.2	96.6	96.9	97.8	98.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: FEB HOURS: 18-20

CEILING	VISIBILITY IN METERS																
	IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	49.1	49.9	54.3	54.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	51.2	52.2	57.2	57.2	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	51.5	52.4	57.5	57.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	51.7	52.7	57.7	57.7	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	52.3	53.2	58.4	58.4	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	53.0	53.9	59.2	59.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	54.7	55.6	61.6	61.6	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	55.0	55.9	62.2	62.2	65.7	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	56.8	57.7	65.3	65.3	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	56.9	57.8	65.4	65.4	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	57.0	58.0	65.6	65.6	69.6	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	58.4	59.4	67.3	67.3	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
CE 4500	60.2	61.1	69.5	69.5	74.1	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	66.7	67.6	76.4	76.4	81.6	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	68.1	69.0	78.1	78.1	84.3	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	69.8	70.8	80.1	80.1	86.9	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	70.9	71.8	81.3	81.3	89.2	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	71.3	72.2	82.1	82.1	90.9	92.1	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	71.3	72.2	82.1	82.1	90.9	92.1	92.6	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	71.7	72.7	82.8	82.8	92.2	93.5	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	71.7	72.7	82.9	82.9	92.8	94.5	95.5	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	71.7	72.7	83.2	83.2	93.1	94.7	95.9	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	71.7	72.7	83.2	83.2	93.1	94.7	95.9	96.3	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	71.7	72.7	83.2	83.2	93.1	94.7	96.0	96.5	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	71.7	72.7	83.2	83.2	93.1	94.9	96.2	96.7	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	71.7	72.7	83.2	83.2	93.1	94.9	96.3	97.1	97.2	97.5	98.0	98.0	98.2	98.2	98.4	98.4	98.4
GE 500	71.7	72.7	83.2	83.2	93.1	94.9	96.3	97.2	97.3	97.9	98.6	98.6	98.8	98.8	98.9	98.9	98.9
GE 400	71.7	72.7	83.2	83.2	93.1	94.9	96.3	97.4	97.5	98.2	99.1	99.1	99.3	99.3	99.4	99.4	99.4
GE 300	71.7	72.7	83.2	83.2	93.1	94.9	96.5	97.6	97.8	98.5	99.3	99.3	99.5	99.5	99.6	99.6	99.6
GE 200	71.7	72.7	83.2	83.2	93.1	94.9	96.5	97.6	97.8	98.5	99.3	99.3	99.5	99.5	99.6	99.6	99.6
GE 100	71.7	72.7	83.2	83.2	93.1	94.9	96.5	97.6	97.8	98.5	99.3	99.5	99.8	99.9	100.0	100.0	100.0
GE 000	71.7	72.7	83.2	83.2	93.1	94.9	96.5	97.6	97.8	98.5	99.3	99.5	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: MAR 78 - FEB 88

LST TO UTC: - 9

MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	53.4	54.4	58.9	58.9	60.3	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	56.2	57.2	62.0	62.0	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	56.9	58.0	62.7	62.7	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	56.9	58.0	62.7	62.7	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	57.2	58.3	63.0	63.0	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	58.0	59.1	64.2	64.2	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	59.2	60.4	65.8	65.8	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	59.8	61.0	66.5	66.5	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	62.0	63.3	70.0	70.0	71.7	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	62.2	63.5	70.2	70.2	72.0	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	62.2	63.5	70.4	70.4	72.3	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	64.0	65.3	72.9	72.9	74.8	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	65.5	66.8	74.9	74.9	76.8	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	71.6	72.9	81.5	81.5	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.	84.3	84.3
GE 3500	72.8	74.1	82.7	82.7	85.5	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	74.0	75.3	85.0	85.0	88.1	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	74.6	75.9	85.6	85.6	89.4	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	74.9	76.2	86.3	86.3	91.3	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	74.9	76.2	86.5	86.5	91.4	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	75.6	76.9	87.4	87.4	92.5	93.5	94.0	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	75.7	77.0	87.8	87.8	93.1	94.2	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	75.7	77.0	88.0	88.0	93.3	94.5	94.9	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	75.7	77.0	88.0	88.0	93.4	94.6	95.1	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	75.7	77.0	88.0	88.0	93.4	94.6	95.1	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	75.7	77.0	88.0	88.0	93.4	94.9	95.4	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	75.7	77.0	88.0	88.0	93.6	95.2	95.6	96.6	97.2	97.2	97.6	97.6	97.6	97.6	98.0	98.0
GE 500	75.7	77.0	88.0	88.0	93.6	95.3	95.9	97.4	98.0	98.0	98.5	98.5	98.5	98.5	98.8	98.8
GE 400	75.7	77.0	88.0	88.0	93.6	95.3	96.0	97.5	98.1	98.2	98.7	98.7	98.7	99.1	99.1	99.1
GE 300	75.7	77.0	88.0	88.0	93.6	95.3	96.1	97.8	98.4	98.6	99.2	99.2	99.2	99.5	99.5	99.5
GE 200	75.7	77.0	88.0	88.0	93.6	95.3	96.1	97.8	98.4	98.6	99.2	99.2	99.3	99.8	99.8	99.8
GE 100	75.7	77.0	88.0	88.0	93.6	95.3	96.1	97.8	98.4	98.6	99.2	99.2	99.4	99.5	100.0	100.0
GE 000	75.7	77.0	88.0	88.0	93.6	95.3	96.1	97.8	98.4	98.6	99.2	99.2	99.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	52.2	53.3	57.2	57.2	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	55.7	56.9	61.7	61.7	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	56.3	57.5	62.4	62.4	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	56.3	57.6	62.5	62.5	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 14000	56.7	58.0	62.9	62.9	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7
GE 12000	57.3	58.6	63.7	63.7	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
GE 10000	58.9	60.2	65.7	65.7	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	59.5	60.7	66.5	66.5	68.3	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	61.5	62.8	69.2	69.2	71.3	71.5	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	62.2	63.5	70.0	70.0	72.1	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	62.3	63.6	70.2	70.2	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 5000	64.0	65.3	72.4	72.4	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 4500	65.5	66.9	74.3	74.3	76.6	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 4000	70.3	71.8	80.1	80.1	82.7	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	71.6	73.1	81.8	81.8	84.8	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	73.1	74.6	83.9	83.9	87.3	87.7	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	73.9	75.4	85.0	85.0	89.0	89.5	89.8	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3
GE 2000	74.3	75.9	85.9	85.9	90.7	91.4	91.7	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 1800	74.4	75.9	86.0	86.0	91.0	91.6	92.0	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.8
GE 1500	74.7	76.3	86.6	86.6	92.0	92.9	93.7	94.2	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8
GE 1200	74.9	76.4	86.9	86.9	92.5	93.5	94.3	95.0	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6
GE 1000	74.9	76.5	87.0	87.0	92.8	93.9	94.7	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.3
GE 900	74.9	76.5	87.0	87.0	92.8	93.9	94.8	95.6	95.8	96.2	96.3	96.3	96.4	96.4	96.5	96.5
GE 800	74.9	76.5	87.0	87.0	92.9	94.0	94.9	95.8	96.0	96.4	96.6	96.6	96.8	96.8	96.9	96.9
GE 700	74.9	76.5	87.0	87.0	92.9	94.2	95.1	96.0	96.2	96.6	96.8	96.8	97.0	97.0	97.1	97.1
GE 600	74.9	76.5	87.0	87.0	93.1	94.3	95.3	96.3	96.6	97.0	97.4	97.4	97.7	97.7	97.9	97.9
GE 500	74.9	76.5	87.1	87.1	93.2	94.4	95.5	96.8	97.1	97.9	98.3	98.3	98.7	98.7	98.9	98.9
GE 400	74.9	76.5	87.1	87.1	93.2	94.5	95.6	96.9	97.3	98.1	98.6	98.6	99.1	99.1	99.3	99.3
GE 300	74.9	76.5	87.1	87.1	93.2	94.5	95.7	97.1	97.5	98.5	99.0	99.1	99.5	99.5	99.7	99.7
GE 200	74.9	76.5	87.1	87.1	93.2	94.5	95.7	97.1	97.6	98.5	99.1	99.1	99.6	99.6	99.9	99.9
GE 100	74.9	76.5	87.1	87.1	93.2	94.5	95.7	97.1	97.6	98.5	99.1	99.2	99.7	99.7	100.0	100.0
GE 000	74.9	76.5	87.1	87.1	93.2	94.5	95.7	97.1	97.6	98.5	99.1	99.2	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: MAR HOURS: 00-02											
CEILING																			
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00			
NO CEIL	40.4	41.7	44.1	44.1	45.6	45.6	45.6	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1			
GE 20000	44.6	45.9	49.2	49.2	51.6	51.6	51.7	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2			
GE 18000	45.0	46.6	49.9	49.9	52.3	52.3	52.4	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9			
GE 16000	45.1	46.7	50.1	50.1	52.4	52.4	52.5	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1			
GE 14000	45.3	46.9	50.3	50.3	52.6	52.6	52.7	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3			
GE 12000	45.9	47.5	51.1	51.1	53.5	53.5	53.6	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1			
GE 10000	48.7	50.3	54.4	54.4	57.1	57.1	57.2	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8			
GE 9000	49.4	51.0	55.2	55.2	57.9	58.0	58.1	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6			
GE 8000	51.3	52.9	58.1	58.1	60.8	60.9	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6			
GE 7000	51.7	53.4	58.6	58.6	61.5	61.6	61.7	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4			
GE 6000	52.0	53.7	59.1	59.1	62.1	2.2	62.3	62.7	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1			
GE 5000	53.2	54.9	60.3	60.3	63.3	63.5	63.6	64.0	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4			
GE 4500	54.6	56.6	62.3	62.3	65.4	65.5	65.6	66.0	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5			
GE 4000	61.5	63.8	71.1	71.1	75.2	75.3	75.5	76.1	76.2	76.3	76.8	76.8	76.8	76.8	76.8	76.8			
GE 3500	62.8	65.1	72.6	72.6	77.2	77.3	77.4	78.1	78.2	78.3	78.9	78.9	78.9	78.9	78.9	78.9			
GE 3000	64.5	66.8	74.7	74.7	80.0	80.1	80.3	81.1	81.2	81.4	81.9	81.9	81.9	81.9	81.9	81.9			
GE 2500	65.5	67.7	76.6	76.6	82.5	82.9	83.3	84.2	84.4	84.5	85.0	85.0	85.0	85.0	85.0	85.0			
GE 2000	67.5	69.8	79.2	79.2	85.6	86.0	86.5	87.5	87.6	87.7	88.2	88.2	88.2	88.2	88.2	88.2			
GE 1800	67.7	70.0	79.4	79.4	85.9	86.2	86.7	87.7	87.8	87.9	88.4	88.4	88.4	88.4	88.4	88.4			
GE 1500	67.7	70.0	79.5	79.5	86.5	87.0	87.8	89.2	89.5	89.7	90.4	90.4	90.4	90.4	90.4	90.4			
GE 1200	67.8	70.1	79.7	79.7	87.4	88.2	89.2	91.0	91.3	91.5	92.3	92.3	92.3	92.3	92.3	92.3			
GE 1000	67.8	70.1	79.8	79.8	87.7	88.9	90.1	92.3	92.7	92.9	93.8	93.8	93.8	93.8	93.8	93.8			
GE 900	67.8	70.1	80.1	80.1	87.9	89.1	90.5	92.7	93.1	93.4	94.2	94.2	94.2	94.2	94.2	94.2			
GE 800	68.1	70.3	80.6	80.6	89.0	90.4	92.1	94.4	94.9	95.1	95.9	95.9	95.9	95.9	95.9	95.9			
GE 700	68.1	70.3	80.6	80.6	89.0	90.4	92.4	94.7	95.2	95.4	96.2	96.2	96.2	96.2	96.2	96.2			
GE 600	68.1	70.3	80.6	80.6	89.0	90.5	92.6	95.0	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5			
GE 500	68.4	70.6	80.9	80.9	89.6	91.3	93.6	95.9	96.4	96.9	97.9	98.0	98.0	98.0	98.0	98.0			
GE 400	68.4	70.6	80.9	80.9	89.6	91.4	93.7	96.0	96.8	97.4	98.4	98.5	98.5	98.5	98.5	98.5			
GE 300	68.4	70.6	80.9	80.9	89.6	91.5	93.8	96.1	97.1	97.9	99.2	99.4	99.4	99.4	99.4	99.4			
GE 200	68.4	70.6	80.9	80.9	89.6	91.5	93.8	96.1	97.2	98.0	99.6	99.9	99.9	100.0	100.0	100.0			
GE 100	68.4	70.6	80.9	80.9	89.6	91.5	93.8	96.1	97.2	98.0	99.6	99.9	99.9	100.0	100.0	100.0			
GE 000	68.4	70.6	80.9	80.9	89.6	91.5	93.8	96.1	97.2	98.0	99.6	99.9	99.9	100.0	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	41.3	42.2	45.4	45.4	46.1	46.4	46.8	47.1	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	44.6	46.0	49.6	49.6	50.4	50.7	51.1	51.3	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	45.1	46.6	50.3	50.3	51.0	51.3	51.8	52.0	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	45.2	46.7	50.4	50.4	51.1	51.4	51.9	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000	45.3	46.8	50.5	50.5	51.2	51.6	52.0	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	45.6	47.1	50.7	50.7	51.4	51.8	52.2	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	49.6	51.1	55.5	55.5	57.0	57.3	57.8	58.0	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	50.5	52.0	56.4	56.4	57.9	58.2	58.6	58.8	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	52.3	53.8	58.7	58.7	60.2	60.6	61.1	61.3	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	52.4	54.0	58.9	58.9	60.5	60.8	61.3	61.5	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	52.4	54.0	58.9	58.9	60.5	60.8	61.3	61.5	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000	54.0	55.6	60.8	60.8	62.5	62.8	63.3	63.6	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	55.1	57.0	62.6	62.6	64.3	64.6	65.2	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	61.8	63.9	70.5	70.5	72.9	73.5	74.3	74.5	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	63.6	65.6	72.7	72.7	75.5	76.2	77.0	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	65.6	67.6	75.2	75.2	78.7	79.7	80.5	80.9	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	66.2	68.4	76.5	76.5	80.4	81.5	82.9	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	67.8	70.2	79.2	79.2	84.0	85.1	86.7	87.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3
GE 1800	68.0	70.3	79.3	79.3	84.2	85.3	87.0	87.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6
GE 1500	68.6	71.2	80.6	80.6	86.2	87.2	89.1	89.7	90.1	90.8	90.9	91.0	91.0	91.0	91.0	91.0
GE 1200	68.7	71.3	81.0	81.0	86.9	88.2	90.4	91.0	91.4	92.1	92.2	92.3	92.3	92.3	92.3	92.3
GE 1000	68.7	71.3	81.0	81.0	87.7	89.1	91.6	92.7	93.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5
GE 900	68.7	71.3	81.0	81.0	87.7	89.1	91.9	93.0	93.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9
GE 800	68.7	71.3	81.0	81.0	87.9	89.3	92.2	93.5	93.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3
GE 700	68.7	71.3	81.0	81.0	87.9	89.4	92.3	93.7	94.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6
GE 600	68.7	71.3	81.0	81.0	88.3	89.9	92.9	94.4	94.9	96.0	96.5	96.6	96.6	96.6	96.6	96.6
GE 500	68.8	71.4	81.1	81.1	88.4	90.0	93.5	95.1	95.5	97.0	97.4	97.5	97.5	97.5	97.5	97.5
GE 400	68.8	71.4	81.2	81.2	88.7	90.5	94.0	95.7	96.4	98.2	98.6	98.7	98.8	98.8	98.8	98.8
GE 300	68.8	71.4	81.2	81.2	88.7	90.6	94.1	95.8	96.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7
GE 200	68.8	71.4	81.2	81.2	88.7	90.6	94.1	95.8	96.9	98.8	99.6	99.8	100.0	100.0	100.0	100.0
GE 100	68.8	71.4	81.2	81.2	88.7	90.6	94.1	95.8	96.9	98.8	99.6	99.8	100.0	100.0	100.0	100.0
GE 000	68.8	71.4	81.2	81.2	88.7	90.6	94.1	95.8	96.9	98.8	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN								PERIOD OF RECORD: MAR 78 - FEB 88										
		LST TO UTC: - 9								MONTH: MAR HOURS: 06-08										
CEILING		VISIBILITY IN METERS																		
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00			
NO CEIL		37.1	38.0	43.0	43.0	44.9	45.2	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7			
GE 20000		40.0	41.2	46.8	46.8	49.3	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1		
GE 18000		40.3	41.5	47.2	47.2	49.6	49.9	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4		
GE 16000		40.3	41.5	47.2	47.2	49.6	49.9	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4		
GE 14000		40.5	41.7	47.4	47.4	49.8	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6		
GE 12000		40.9	42.1	47.9	47.9	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2		
GE 10000		43.0	44.2	50.6	50.6	53.7	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6		
GE 9000		44.1	45.2	51.8	51.8	55.0	55.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	56.1		
GE 8000		46.7	48.0	55.5	55.5	59.3	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3		
GE 7000		47.3	48.6	56.7	56.7	60.7	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7		
GE 6000		47.5	48.8	56.9	56.9	61.0	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.1		
GE 5000		48.8	50.3	58.8	58.8	63.6	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.6		
GE 4500		49.8	51.7	60.3	60.3	65.1	65.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.1		
GE 4000		55.9	57.8	67.8	67.8	74.1	74.6	75.0	75.1	75.2	75.2	75.5	75.5	75.6	75.6	75.7	75.8			
GE 3500		57.8	59.7	69.9	69.9	76.4	77.0	77.6	77.7	77.9	77.9	78.1	78.1	78.2	78.2	78.3	78.5			
GE 3000		59.8	61.7	72.9	72.9	79.7	80.7	81.4	81.5	81.7	81.7	81.9	81.9	82.0	82.0	82.1	82.2			
GE 2500		60.9	62.8	74.7	74.7	81.9	82.9	83.7	83.8	84.0	84.0	84.2	84.2	84.4	84.4	84.5	84.6			
GE 2000		62.3	64.2	77.0	77.0	85.0	86.4	87.5	87.8	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.7			
GE 1800		62.3	64.2	77.1	77.1	85.3	86.7	88.0	88.4	88.7	88.9	89.1	89.1	89.2	89.2	89.3	89.4			
GE 1500		62.5	64.4	77.5	77.5	86.8	88.3	89.9	90.5	91.0	91.1	91.3	91.3	91.4	91.4	91.5	91.6			
GE 1200		62.6	64.5	77.6	77.6	87.7	89.3	91.1	91.7	92.3	92.6	93.0	93.0	93.1	93.1	93.2	93.4			
GE 1000		62.6	64.5	77.6	77.6	88.0	89.7	91.7	92.8	93.4	93.7	94.4	94.4	94.5	94.5	94.6	94.7			
GE 900		62.6	64.5	77.7	77.7	88.3	90.5	92.5	93.6	94.1	94.4	95.2	95.2	95.3	95.3	95.4	95.5			
GE 800		62.6	64.5	77.7	77.7	88.7	90.9	93.0	94.1	94.6	95.0	96.0	96.0	96.1	96.1	96.2	96.4			
GE 700		62.6	64.5	77.7	77.7	88.9	91.1	93.2	94.3	94.9	95.2	96.2	96.2	96.4	96.4	96.5	96.6			
GE 600		62.6	64.5	77.7	77.7	88.9	91.1	93.2	94.5	95.2	95.5	96.6	96.6	96.7	96.7	96.8	96.9			
GE 500		62.6	64.5	77.7	77.7	89.0	91.5	93.7	95.2	95.8	96.5	97.9	98.0	98.3	98.3	98.4	98.5			
GE 400		62.6	64.5	77.7	77.7	89.0	91.5	93.7	95.2	96.1	97.1	98.5	98.6	98.9	98.9	99.1	99.2			
GE 300		62.6	64.5	77.7	77.7	89.0	91.5	93.7	95.2	96.4	97.4	98.8	98.9	99.4	99.4	99.6	99.7			
CE 200		62.6	64.5	77.7	77.7	89.0	91.6	93.8	95.3	96.5	97.6	99.0	99.1	99.6	99.7	99.9	100.0			
GE 100		62.6	64.5	77.7	77.7	89.0	91.6	93.8	95.3	96.5	97.6	99.0	99.1	99.6	99.7	99.9	100.0			
GE 000		62.6	64.5	77.7	77.7	89.0	91.6	93.8	95.3	96.5	97.6	99.0	99.1	99.6	99.7	99.9	100.0			

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	36.2	37.2	44.8	44.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	41.7	42.8	52.0	52.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	42.5	43.5	52.9	52.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	42.6	43.7	53.1	53.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	42.6	43.7	53.2	53.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	43.0	44.1	54.0	54.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 10000	44.4	45.7	56.1	56.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	45.6	46.9	57.5	57.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	48.5	49.8	61.7	61.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	49.0	50.3	62.5	62.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	49.1	50.4	62.6	62.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 5000	49.8	51.2	63.4	63.4	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	51.3	52.9	65.2	65.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	54.6	56.3	71.7	71.7	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	55.8	57.5	73.7	73.7	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	57.2	58.9	76.6	76.6	83.5	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	57.7	59.5	77.6	77.6	85.5	85.7	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	58.7	60.4	79.1	79.1	87.5	88.0	88.5	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	58.8	60.5	79.6	79.6	88.5	88.9	89.6	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	58.8	60.5	80.0	80.0	89.7	90.1	90.9	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	58.8	60.5	80.2	80.2	90.3	90.9	91.6	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	58.8	60.5	80.3	80.3	90.9	91.5	92.6	94.1	94.6	95.2	95.6	95.8	95.8	95.8	95.8	95.8
GE 900	58.8	60.5	80.3	80.3	90.9	91.5	92.6	94.1	94.6	95.2	95.6	95.8	95.8	95.8	95.8	95.8
GE 800	58.8	60.5	80.3	80.3	91.1	91.7	92.8	94.5	95.2	95.9	96.3	96.6	96.6	96.6	96.6	96.6
GE 700	58.8	60.5	80.3	80.3	91.4	92.4	93.4	95.3	95.9	96.7	97.1	97.3	97.3	97.3	97.3	97.3
GE 600	58.8	60.5	80.3	80.3	91.7	92.7	93.8	95.6	96.5	97.2	97.6	97.8	97.8	97.8	97.8	97.8
GE 500	58.8	60.5	80.3	80.3	91.7	92.8	93.9	95.7	96.7	97.4	98.1	98.4	98.6	98.6	98.7	98.7
GE 400	58.8	60.5	80.3	80.3	91.7	92.8	94.0	95.8	96.8	97.6	98.3	98.6	98.8	98.8	98.9	98.9
GE 300	58.8	60.5	80.3	80.3	91.7	92.8	94.0	96.0	97.2	98.1	98.9	99.2	99.7	99.7	99.8	99.8
GE 200	58.8	60.5	80.3	80.3	91.7	92.8	94.0	96.0	97.2	98.1	98.9	99.2	99.7	99.8	99.9	100.0
GE 100	58.8	60.5	80.3	80.3	91.7	92.8	94.0	96.0	97.2	98.1	98.9	99.2	99.7	99.8	99.9	100.0
GE 000	58.8	60.5	80.3	80.3	91.7	92.8	94.0	96.0	97.2	98.1	98.9	99.2	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: MAR HOURS: 12-14											
CEILING		VISIBILITY IN METERS																	
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	GE 00	GE 00	GE 00
NO CEIL	36.0	36.6	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 20000	42.4	42.9	49.5	49.5	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	43.0	43.5	50.9	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000	43.0	43.5	51.0	1.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	43.2	43.8	51.3	51.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	43.3	43.4	51.5	51.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	44.8	45.4	54.6	54.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	45.5	46.0	55.5	55.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 8000	47.2	47.7	58.1	58.1	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000	48.1	48.6	59.6	59.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	48.2	48.7	59.8	59.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	49.8	50.4	61.9	61.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4500	51.1	51.7	63.4	63.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	54.3	55.1	68.9	68.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	57.3	58.1	72.6	72.6	78.3	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	59.8	60.5	76.7	76.7	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	60.6	61.4	77.8	77.8	84.7	85.7	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	61.1	61.9	78.9	78.9	86.6	87.7	88.7	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	61.1	61.9	78.9	78.9	86.6	87.7	88.7	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	61.2	62.0	79.2	79.2	87.4	88.6	89.6	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	61.3	62.2	79.7	79.7	88.1	89.4	90.4	91.2	91.6	91.8	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	61.3	62.2	79.8	79.8	88.8	90.3	91.6	92.5	92.9	93.4	4.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	61.3	62.2	79.8	79.8	88.9	90.5	91.8	92.7	93.1	93.7	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	61.3	62.2	79.8	79.8	89.6	91.2	92.5	93.5	94.2	94.9	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	61.3	62.2	79.8	79.8	89.9	91.5	92.8	94.0	94.6	95.5	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	61.3	62.2	79.8	79.8	90.0	91.6	92.9	94.1	94.8	95.8	96.6	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 500	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.4	95.2	96.3	97.2	97.4	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 400	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.5	95.3	96.8	98.0	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 300	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.6	95.4	97.0	98.2	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.6	95.4	97.0	98.2	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9
GE 100	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.6	95.4	97.0	98.3	98.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	61.3	62.2	79.8	79.8	90.0	91.7	93.0	94.6	95.4	97.0	98.3	98.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	29.0	29.8	33.9	33.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	36.7	37.7	43.9	43.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	37.7	38.9	45.5	45.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 16000	37.7	38.9	45.5	45.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	38.4	39.6	46.1	46.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	38.8	40.0	46.7	46.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	39.6	40.8	48.3	48.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	40.2	41.4	49.0	49.0	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 8000	42.4	43.5	52.3	52.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	43.1	44.3	53.3	53.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	43.3	44.5	53.5	53.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	44.8	46.1	55.8	55.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	47.6	48.9	58.8	58.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4000	53.9	55.7	66.7	66.7	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	57.1	58.9	70.5	70.5	78.6	78.7	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	58.8	60.8	73.3	73.3	82.7	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	59.7	61.6	74.8	74.8	85.4	86.0	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	59.7	61.6	75.5	75.5	86.5	87.4	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	59.7	61.6	75.5	75.5	86.5	87.6	88.3	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	59.7	61.6	75.6	75.6	87.1	88.4	89.1	89.6	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	59.7	61.6	76.1	76.1	88.2	89.5	90.2	91.0	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	59.7	61.6	76.2	76.2	88.5	89.9	91.0	91.8	92.4	93.2	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	59.7	61.6	76.2	76.2	88.5	89.9	91.0	91.9	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	59.7	61.6	76.2	76.2	88.9	90.4	91.5	92.8	93.5	94.4	94.9	95.1	95.1	95.1	95.1	95.1
GE 700	59.7	61.6	76.2	76.2	89.2	90.8	91.9	93.2	94.0	94.8	95.4	95.5	95.5	95.5	95.5	95.5
GE 600	59.7	61.6	76.2	76.2	89.6	91.2	92.7	94.0	94.7	95.6	96.1	96.2	96.3	96.3	96.6	96.6
GE 500	59.7	61.6	76.2	76.2	89.6	91.4	93.0	94.4	95.7	96.9	98.0	98.1	98.5	98.6	98.8	98.8
GE 400	59.8	61.7	76.3	76.3	89.7	91.5	93.1	94.7	96.1	97.4	98.6	98.7	99.5	99.6	99.8	99.8
GE 300	59.8	61.7	76.3	76.3	89.7	91.5	93.1	94.7	96.1	97.4	98.7	98.8	99.6	99.7	99.9	99.9
GE 200	59.8	61.7	76.3	76.3	89.7	91.5	93.1	94.7	96.1	97.4	98.7	98.8	99.7	99.8	100.0	100.0
GE 100	59.8	61.7	76.3	76.3	89.7	91.5	93.1	94.7	96.1	97.4	98.7	98.8	99.7	99.8	100.0	100.0
GE 000	59.8	61.7	76.3	76.3	89.7	91.5	93.1	94.7	96.1	97.4	98.7	98.8	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	37.2	38.4	42.0	42.0	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	40.5	41.7	46.2	46.2	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	41.0	42.2	47.0	47.0	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 16000	41.0	42.2	47.0	47.0	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	41.4	42.6	47.5	47.5	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	41.9	43.1	48.4	48.4	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	42.9	44.1	50.2	50.2	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 9000	43.7	44.8	51.0	51.0	54.8	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	45.9	47.1	54.0	54.0	58.9	59.2	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000	46.9	48.1	54.9	54.9	60.1	60.4	60.5	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	47.2	48.4	55.4	55.4	60.6	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	49.2	50.5	57.8	57.8	63.5	63.9	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4500	51.4	53.0	60.4	60.4	66.1	66.5	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	58.4	60.1	68.6	68.6	75.5	76.0	76.1	76.3	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7
CE 3500	60.1	61.8	71.0	71.0	78.3	78.8	78.9	79.1	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	61.4	63.1	73.4	73.4	81.9	82.6	82.7	82.9	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	61.9	63.7	74.9	74.9	84.4	85.4	85.8	86.0	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	62.3	64.0	75.8	75.8	86.1	87.5	88.5	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	62.3	64.0	75.8	75.8	86.2	88.0	88.9	89.1	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	62.3	64.0	75.8	75.8	86.8	88.7	89.8	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	62.3	64.0	75.8	75.8	87.3	89.5	90.6	91.2	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	62.3	64.0	76.0	76.0	88.1	90.4	91.7	92.4	92.6	93.3	94.0	94.0	94.1	94.1	94.1	94.1
GE 900	62.3	64.0	76.1	76.1	88.4	90.8	92.0	92.8	93.0	93.8	94.4	94.4	94.5	94.5	94.5	94.5
GE 800	62.3	64.0	76.1	76.1	88.6	91.1	92.5	93.2	93.5	94.4	95.1	95.1	95.2	95.2	95.2	95.2
GE 700	62.3	64.0	76.1	76.1	88.6	91.3	92.8	93.7	94.0	94.9	95.7	95.7	95.8	95.8	95.8	95.8
GE 600	62.3	64.0	76.3	76.3	88.9	91.6	93.2	94.1	94.5	95.6	96.7	96.7	96.9	96.9	96.9	96.9
GE 500	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.8	95.3	96.7	98.2	98.2	98.5	98.5	98.5	98.5
GE 400	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.9	95.6	97.3	99.1	99.1	99.5	99.5	99.5	99.5
GE 300	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.9	95.7	97.5	99.5	99.5	99.9	99.9	99.9	99.9
GE 200	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.9	95.7	97.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.9	95.7	97.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	62.3	64.0	76.3	76.3	89.2	92.2	93.9	94.9	95.7	97.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	40.3	41.5	44.0	44.0	45.2	45.5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	43.5	44.7	48.2	48.2	49.8	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	43.8	44.9	48.5	48.5	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	44.1	45.3	48.8	48.8	50.4	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	44.1	45.3	48.9	48.9	50.5	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	44.3	45.5	49.1	49.1	51.1	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	45.7	46.9	51.2	51.2	53.2	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000	46.7	47.8	52.2	52.2	54.2	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 8000	50.0	51.3	56.6	56.6	58.8	59.1	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	51.1	52.4	57.7	57.7	60.0	60.3	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	51.5	52.8	58.2	58.2	60.4	60.8	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	54.3	55.7	61.5	61.5	64.3	64.6	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	55.8	57.2	63.1	63.1	66.0	66.3	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	60.8	62.5	69.0	69.0	73.0	73.8	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	62.8	64.6	71.9	71.9	76.2	77.0	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	64.5	66.3	74.5	74.5	79.6	80.4	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	65.9	67.7	77.5	77.5	83.5	84.7	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	66.7	68.5	79.2	79.2	85.8	87.2	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	66.9	68.7	79.6	79.6	86.1	87.6	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	67.2	69.0	79.9	79.9	87.1	88.7	89.5	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	67.3	69.1	80.2	80.2	88.0	89.9	90.8	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	67.5	69.4	80.5	80.5	88.8	90.9	91.8	93.0	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	67.5	69.4	80.6	80.6	89.0	91.1	92.2	93.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	67.5	69.4	80.8	80.8	89.7	91.9	93.1	94.3	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	67.5	69.4	80.8	80.8	90.0	92.4	93.5	94.9	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	67.5	69.4	81.1	81.1	90.4	92.9	94.1	95.6	96.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	67.7	69.6	81.3	81.3	90.9	93.9	95.2	96.7	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	67.7	69.6	81.3	81.3	90.9	93.9	95.3	96.8	97.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	67.7	69.6	81.3	81.3	90.9	93.9	95.3	96.8	97.5	98.8	99.7	99.8	99.9	99.9	99.9	99.9
GE 200	67.7	69.6	81.3	81.3	90.9	93.9	95.3	96.9	97.6	98.9	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	67.7	69.6	81.3	81.3	90.9	93.9	95.3	96.9	97.6	98.9	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	67.7	69.6	81.3	81.3	90.9	93.9	95.3	96.9	97.6	98.9	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88														
		LST TO UTC: - 9		MONTH: MAR HOURS: ALL														
CEILING IN FEET	VISIBILITY IN METERS															GE 00		
	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04			
NO CEIL	37.2	38.2	42.3	42.3	43.6	43.8	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
GE 20000	41.8	42.9	48.2	48.2	49.9	50.0	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
GE 18000	42.3	43.5	49.0	49.0	50.8	50.9	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
GE 16000	42.4	43.6	49.1	49.1	50.9	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	
GE 14000	42.6	43.8	49.4	49.4	51.3	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 12000	43.0	44.2	49.9	49.9	51.9	52.1	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 10000	44.8	46.0	52.6	52.6	55.3	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 9000	45.7	46.9	53.6	53.6	56.4	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	
GE 8000	48.0	49.3	56.9	56.9	60.2	60.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 7000	48.7	50.0	57.8	57.8	61.4	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	
GE 6000	48.9	50.2	58.0	58.0	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 5000	50.5	51.8	60.1	60.1	64.1	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 4500	52.1	53.6	62.0	62.0	66.1	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 4000	57.7	59.4	9.3	69.3	74.6	75.0	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 3500	59.7	61.4	71.8	71.8	77.5	78.0	78.3	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	
GE 3000	61.5	63.2	74.7	74.7	81.1	81.7	82.0	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
GE 2500	62.3	64.1	76.3	76.3	83.5	84.3	85.0	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
GE 2000	63.3	65.1	78.0	78.0	85.9	86.9	87.8	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 1800	63.3	65.2	78.1	78.1	86.2	87.3	88.2	88.8	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 1500	63.5	65.4	78.5	78.5	87.2	88.4	89.4	90.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 1200	63.6	65.4	78.8	78.8	88.0	89.3	90.5	91.5	91.9	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	
GE 1000	63.6	65.4	78.9	78.9	88.5	90.1	91.5	92.7	93.1	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.4	
GE 900	63.6	65.4	79.0	79.0	88.7	90.3	91.8	93.0	93.5	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.7	
GE 800	63.6	65.5	79.1	79.1	89.2	90.9	92.5	93.8	94.3	95.0	95.5	95.6	95.7	95.7	95.7	95.7	95.7	
GE 700	63.6	65.5	79.1	79.1	89.4	91.1	92.8	94.2	94.7	95.5	96.0	96.1	96.1	96.1	96.2	96.2	96.2	
GE 600	63.6	65.5	79.1	79.1	89.6	91.4	93.2	94.7	95.2	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	
GE 500	63.7	65.6	79.2	79.2	89.8	91.9	93.7	95.3	95.9	97.0	97.9	98.0	98.3	98.3	98.4	98.4	98.4	
GE 400	63.7	65.6	79.2	79.2	89.9	91.9	93.8	95.5	96.3	97.6	98.6	98.7	99.0	99.1	99.1	99.2	99.2	
GE 300	63.7	65.6	79.2	79.2	89.9	92.0	93.9	95.5	96.5	97.9	99.0	99.2	99.6	99.6	99.7	99.7	99.7	
GE 200	63.7	65.6	79.2	79.2	89.9	92.0	93.9	95.6	96.6	97.9	99.2	99.3	99.8	99.9	99.9	100.0	100.0	
GE 100	63.7	65.6	79.2	79.2	89.9	92.0	93.9	95.6	96.6	97.9	99.2	99.4	99.8	99.9	99.9	99.9	100.0	
GE 000	63.7	65.6	79.2	79.2	89.9	92.0	93.9	95.6	96.6	97.9	99.2	99.4	99.8	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7449

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	36.6	36.8	38.6	38.6	40.3	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
GE 20000	41.0	41.6	44.7	44.7	46.7	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
GE 18000	41.2	41.8	44.9	44.9	46.9	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6
GE 16000	41.2	41.8	44.9	44.9	46.9	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6
GE 14000	41.3	41.9	45.0	45.0	47.0	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
GE 12000	42.7	43.2	46.3	46.3	48.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0
GE 10000	45.6	46.1	49.9	49.9	51.9	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
GE 9000	46.3	46.9	50.7	50.7	52.8	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6
GE 8000	50.0	50.6	54.6	54.6	57.1	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9
GE 7000	51.2	51.8	56.0	56.0	58.6	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
GE 6000	51.6	52.1	56.4	56.4	59.0	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 5000	53.8	54.3	59.2	59.2	62.0	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 4500	55.0	55.6	60.4	60.4	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 4000	61.0	61.7	67.3	67.3	70.1	70.7	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
GE 3500	63.4	64.2	70.7	70.7	74.0	74.8	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 3000	65.4	66.2	73.2	73.2	76.8	77.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 2500	66.4	67.2	74.3	74.3	78.1	79.6	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
GE 2000	67.3	68.1	75.6	75.6	80.2	81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 1800	67.3	68.1	75.9	75.9	80.8	82.4	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 1500	68.1	68.9	77.6	77.6	83.3	85.6	87.0	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
GE 1200	68.6	69.3	78.3	78.3	85.6	87.9	89.3	90.2	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.8
GE 1000	68.9	69.7	78.9	78.9	86.6	88.9	90.9	92.0	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.8
GE 900	68.9	69.7	78.9	78.9	86.6	88.9	90.9	92.0	92.1	92.4	92.7	92.7	92.8	92.8	92.8	92.9
GE 800	68.9	69.7	79.0	79.0	87.4	90.4	92.4	93.6	93.7	94.0	94.2	94.2	94.3	94.3	94.3	94.4
GE 700	68.9	69.7	79.0	79.0	87.6	90.7	92.7	94.1	94.2	94.6	94.8	94.8	94.9	94.9	94.9	95.0
GE 600	68.9	69.7	79.1	79.1	87.9	91.2	93.3	94.9	95.1	95.4	95.7	95.7	95.8	95.8	95.8	95.9
GE 500	68.9	69.7	79.3	79.3	88.1	91.4	93.7	95.4	95.7	96.1	96.4	96.4	96.6	96.6	96.6	96.7
GE 400	68.9	69.7	79.3	79.3	88.3	91.9	94.1	96.1	96.4	97.1	97.7	97.7	97.8	97.8	97.8	97.9
GE 300	68.9	69.7	79.3	79.3	88.3	91.9	94.2	96.6	97.0	97.8	98.8	98.8	99.1	99.1	99.1	99.3
GE 200	68.9	69.7	79.3	79.3	88.3	92.0	94.3	96.7	97.1	98.2	99.3	99.3	99.7	99.7	99.7	100.0
GE 100	68.9	69.7	79.3	79.3	88.3	92.0	94.3	96.7	97.1	98.2	99.3	99.3	99.7	99.7	99.7	100.0
GE 000	68.9	69.7	79.3	79.3	88.3	92.0	94.3	96.7	97.1	98.2	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88													
		LST TO UTC: - 9		MONTH: APR HOURS: 03-05													
CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL		32.3	33.2	37.1	37.1	38.8	38.8	39.0	39.0	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.7
GE 20000		37.3	38.2	43.1	43.1	45.3	45.3	45.6	45.6	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.2
GE 18000		37.9	38.8	43.8	43.8	46.0	46.0	46.2	46.2	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.9
GE 16000		38.0	38.9	43.9	43.9	46.1	46.1	46.3	46.3	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0
GE 14000		38.0	38.9	43.9	43.9	46.1	46.1	46.3	46.3	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0
GE 12000		39.0	39.9	44.9	44.9	47.1	47.1	47.3	47.3	47.8	47.8	47.8	47.9	47.9	47.9	47.9	48.0
GE 10000		41.4	42.3	48.2	48.2	50.6	50.8	51.0	51.0	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.7
GE 9000		41.8	42.7	48.8	48.8	51.8	52.0	52.2	52.3	52.8	52.8	52.8	52.9	52.9	52.9	52.9	53.0
GE 8000		43.9	44.8	51.4	51.4	54.6	54.8	55.0	55.1	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.8
GE 7000		45.6	46.6	53.2	53.2	56.3	56.6	56.8	56.9	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.6
GE 6000		45.8	46.8	53.4	53.4	56.6	56.8	57.0	57.1	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8
GE 5000		47.6	48.7	55.6	55.6	59.0	59.2	59.4	59.6	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.2
GE 4500		48.3	49.4	56.3	56.3	59.8	60.0	60.2	60.3	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.0
GE 4000		55.8	56.9	65.1	65.1	69.2	69.6	69.9	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.7
GE 3500		57.6	58.8	67.3	67.3	71.9	72.2	73.0	73.1	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8
GE 3000		59.4	60.7	69.3	69.4	74.7	75.1	76.1	76.2	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9
GE 2500		60.4	61.7	70.7	70.8	76.6	77.0	78.0	78.3	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.0
GE 2000		62.6	63.8	73.4	73.6	80.0	80.7	81.8	82.1	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8
GE 1800		62.7	64.0	74.1	74.2	80.7	81.3	82.4	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4
GE 1500		63.2	64.6	75.7	75.8	82.7	84.0	85.4	86.1	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0
GE 1200		63.3	64.7	76.7	76.8	84.3	85.7	87.3	88.0	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1
GE 1000		63.4	64.8	76.8	76.9	85.8	87.2	88.9	89.8	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.3
GE 900		63.6	64.9	77.1	77.2	86.2	87.7	89.6	90.4	91.2	91.7	91.8	92.0	92.0	92.0	92.0	92.1
GE 800		63.7	65.0	77.3	77.4	86.9	88.4	90.7	91.6	92.3	92.9	93.1	93.3	93.3	93.3	93.3	93.4
GE 700		63.7	65.0	77.3	77.4	87.1	88.7	91.1	92.2	93.0	93.7	93.9	94.1	94.1	94.1	94.1	94.2
GE 600		63.7	65.0	77.3	77.4	87.6	89.3	91.9	93.1	93.9	94.6	94.8	95.0	95.0	95.0	95.0	95.1
GE 500		63.7	65.0	77.3	77.4	87.7	89.4	92.2	93.7	94.4	94.6	94.6	95.0	95.0	95.0	95.0	95.3
GE 400		63.7	65.0	77.3	77.4	87.7	89.7	92.4	94.0	94.8	96.6	97.1	97.3	97.3	97.3	97.3	97.4
GE 300		63.7	65.0	77.3	77.4	87.7	89.8	93.0	95.0	96.0	98.1	98.9	99.1	99.1	99.1	99.3	99.4
GE 200		63.7	65.0	77.3	77.4	87.7	89.8	93.0	95.0	96.0	98.1	99.0	99.2	99.3	99.4	99.8	99.9
GE 100		63.7	65.0	77.3	77.4	87.7	89.8	93.0	95.0	96.0	98.1	99.0	99.2	99.3	99.6	99.9	100.0
GE 000		63.7	65.0	77.3	77.4	87.7	89.8	93.0	95.0	96.0	98.1	99.0	99.2	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.0	27.3	33.2	33.2	35.2	35.6	35.6	35.7	35.7	35.8	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	30.1	30.4	38.3	38.3	41.3	41.7	41.9	42.0	42.0	42.1	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	30.6	30.9	39.1	39.1	42.3	42.7	42.9	43.1	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4
GE 16000	30.6	30.9	39.1	39.1	42.3	42.7	42.9	43.1	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	31.2	31.6	39.9	39.9	43.1	43.4	43.7	43.9	43.9	44.0	44.2	44.2	44.2	44.2	44.2	44.2
GE 12000	32.4	32.8	41.2	41.2	44.7	45.1	45.3	45.6	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9
GE 10000	34.6	34.9	43.9	43.9	47.9	48.4	48.7	48.9	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	34.9	35.2	45.0	45.0	50.1	50.7	50.9	51.1	51.1	51.2	51.4	51.4	51.4	51.4	51.4	51.4
GE 8000	37.7	38.0	48.8	48.8	55.2	55.8	56.1	56.6	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	39.0	39.6	50.3	50.3	57.2	57.8	58.1	58.6	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	39.2	39.8	50.6	50.6	57.4	58.0	58.3	58.8	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	40.8	41.3	52.6	52.6	59.7	60.3	60.7	61.1	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	41.6	42.1	53.9	53.9	61.3	62.0	62.3	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	46.6	47.4	61.2	61.2	69.7	70.4	70.9	71.7	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	48.0	48.9	63.3	63.3	72.6	73.4	74.0	75.0	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	48.8	49.7	64.6	64.6	74.7	75.6	76.2	77.4	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	50.6	51.4	66.9	66.9	77.2	78.4	79.3	80.7	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	51.6	52.4	68.4	68.4	79.9	81.2	82.3	83.9	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	51.6	52.4	68.6	68.6	80.2	81.7	82.8	84.3	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	52.1	53.0	69.6	69.6	82.4	84.0	85.4	87.4	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	52.4	53.3	70.3	70.3	84.0	85.6	87.6	90.0	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	52.4	53.3	70.3	70.3	84.4	86.0	88.2	90.8	91.1	91.8	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	52.4	53.3	70.6	70.6	85.1	86.7	88.9	91.6	91.9	92.8	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	52.4	53.3	70.7	70.7	85.6	87.2	89.6	92.3	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	52.4	53.3	70.9	70.9	85.9	87.6	89.9	92.8	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	52.4	53.3	70.9	70.9	86.1	87.8	90.2	93.2	93.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	52.4	53.3	70.9	70.9	86.8	88.8	91.2	95.0	95.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	52.4	53.3	71.0	71.0	86.9	88.9	91.3	95.2	95.9	98.3	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	52.4	53.3	71.0	71.0	86.9	89.1	91.6	95.6	96.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	52.4	53.3	71.0	71.0	86.9	89.1	91.6	95.6	96.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	52.4	53.3	71.0	71.0	86.9	89.1	91.6	95.6	96.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	52.4	53.3	71.0	71.0	86.9	89.1	91.6	95.6	96.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN								PERIOD OF RECORD: MAR 78 - FEB 88									
		LST TO UTC: - 9								MONTH: APR HOURS: 09-11									
CEILING		VISIBILITY IN METERS																	
IN FEET	GE	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL	29.4	30.1	38.6	38.6	41.1	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
GE 20000	33.2	33.9	44.3	44.3	48.3	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
GE 18000	34.0	34.7	45.2	45.2	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 16000	34.0	34.7	45.2	45.2	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 14000	34.6	35.2	45.8	45.8	50.3	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	
GE 12000	35.2	35.9	46.6	46.6	51.1	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 10000	36.4	37.1	48.6	48.6	53.7	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
GE 9000	37.2	37.9	49.8	49.8	55.7	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
GE 8000	39.4	40.3	52.7	52.7	60.1	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 7000	39.7	40.6	53.4	53.4	61.0	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
GE 6000	39.7	40.7	53.6	53.6	61.1	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 5000	42.0	43.1	56.2	56.2	64.0	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 4500	43.0	44.2	57.8	57.8	65.6	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 4000	47.7	49.0	65.0	65.0	73.8	74.7	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
GE 3500	49.4	50.8	67.9	67.9	76.9	77.9	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 3000	51.1	52.4	70.1	70.1	79.6	80.7	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
GE 2500	51.4	52.8	71.1	71.1	81.6	82.9	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 2000	51.6	52.9	72.3	72.3	83.8	85.3	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 1800	51.7	53.0	72.6	72.6	84.1	85.7	87.0	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 1500	51.9	53.2	73.0	73.0	85.3	87.2	88.6	89.2	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 1200	51.9	53.2	73.2	73.2	86.0	87.9	89.6	90.6	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 1000	52.0	53.3	73.7	73.7	87.0	89.3	91.0	92.4	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 900	52.0	53.3	73.9	73.9	87.2	89.7	91.3	92.9	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 800	52.0	53.3	73.9	73.9	87.6	90.2	92.8	94.3	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 700	52.0	53.3	73.9	73.9	87.9	90.6	93.2	95.1	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 600	52.0	53.3	73.9	73.9	87.9	90.6	93.2	95.2	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE 500	52.0	53.3	73.9	73.9	88.1	91.0	93.7	95.9	97.2	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 400	52.0	53.3	73.9	73.9	88.2	91.2	93.9	96.1	97.8	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	
GE 300	52.0	53.3	73.9	73.9	88.2	91.2	93.9	96.1	98.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
GE 200	52.0	53.3	73.9	73.9	88.2	91.2	93.9	96.1	98.0	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	52.0	53.3	73.9	73.9	88.2	91.2	93.9	96.1	98.0	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 000	52.0	53.3	73.9	73.9	88.2	91.2	93.9	96.1	98.0	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: APR HOURS: 12-14

CEILING	VISIBILITY IN METERS																
	IN	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	34.3	34.7	39.4	39.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 20000	42.0	42.3	49.3	49.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	42.8	43.2	50.3	50.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 16000	42.9	43.3	50.4	50.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	43.1	43.6	50.8	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	44.1	44.6	51.9	51.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	46.2	46.7	54.4	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 9000	46.2	46.7	54.9	54.9	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	48.6	49.0	57.7	57.7	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 7000	49.3	49.8	58.7	58.7	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 6000	49.3	49.8	58.7	58.7	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	50.3	50.8	59.8	59.8	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	51.2	51.7	60.8	60.8	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4000	55.9	56.3	67.1	67.1	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	57.8	58.2	70.0	70.0	76.2	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	60.4	61.1	74.1	74.1	80.9	81.6	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	61.8	62.4	76.1	76.1	83.6	84.4	84.9	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	62.1	62.8	76.9	76.9	85.3	86.4	86.9	87.7	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	62.3	63.0	77.1	77.1	85.6	86.7	87.1	87.9	88.0	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	63.1	63.8	78.1	78.1	87.3	88.6	89.2	90.1	90.2	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	63.2	63.9	78.3	78.3	88.3	89.6	90.3	91.3	91.4	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	63.2	63.9	78.6	78.6	89.2	90.6	91.7	92.7	92.8	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	63.2	63.9	78.7	78.7	89.4	90.8	92.0	93.0	93.2	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	63.2	63.9	78.9	78.9	90.3	91.8	93.3	94.7	95.1	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	63.2	63.9	79.1	79.1	90.6	92.0	93.6	94.9	95.3	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	63.2	63.9	79.1	79.1	90.7	92.1	93.7	95.2	95.7	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	63.2	63.9	79.2	79.2	90.8	92.4	94.1	95.7	96.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	63.2	63.9	79.3	79.3	91.0	2.7	94.4	96.1	96.6	97.7	98.8	99.2	99.6	99.6	99.6	99.6	99.6
GE 300	63.2	63.9	79.3	79.3	91.0	92.7	94.6	96.2	96.8	97.9	99.1	99.6	99.9	99.9	99.9	99.9	99.9
GE 200	63.2	63.9	79.3	79.3	91.0	92.7	94.6	96.2	96.8	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	63.2	63.9	79.3	79.3	91.0	92.7	94.6	96.2	96.8	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	63.2	63.9	79.3	79.3	91.0	92.7	94.6	96.2	96.8	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN						PERIOD OF RECORD: MAR 78 - FEB 88											
		LST TO UTC: - 9						MONTH: APR HOURS: 15-17											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		36.0	36.9	39.7	39.7	40.1	40.1	40.1	0.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1		
GE 20000		45.7	46.8	51.7	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7		
GE 18000		46.8	47.9	52.9	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9		
GE 16000		46.8	47.9	52.9	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9		
GE 14000		47.2	48.3	53.4	53.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 12000		48.3	49.4	54.7	54.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9		
GE 10000		50.3	51.4	57.6	57.6	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7		
GE 9000		51.2	52.3	58.7	58.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2		
GE 8000		52.4	53.6	60.4	60.4	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4		
GE 7000		52.8	53.9	61.4	61.4	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7		
GE 6000		52.8	53.9	61.4	61.4	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9		
GE 5000		54.2	55.4	63.4	63.4	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1		
GE 4500		55.4	56.7	65.0	65.0	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2		
GE 4000		61.0	62.4	72.6	72.6	76.9	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8		
GE 3500		63.2	64.7	75.1	75.1	80.0	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9		
GE 3000		64.3	65.9	77.3	77.3	83.0	83.4	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2		
GE 2500		64.9	66.4	78.7	78.7	85.2	85.8	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7		
GE 2000		65.2	66.8	79.3	79.3	86.3	87.1	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4		
GE 1800		65.3	66.9	79.4	79.4	86.4	87.2	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6		
GE 1500		65.8	67.3	80.1	80.1	88.2	89.2	90.0	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1		
GE 1200		65.9	67.4	80.2	80.2	88.7	89.9	90.8	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0		
GE 1000		65.9	67.4	80.4	80.4	89.3	90.8	92.2	93.2	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3		
GE 900		65.9	67.4	80.4	80.4	89.4	90.9	92.3	93.4	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7		
GE 800		65.9	67.4	80.6	80.6	89.7	91.3	93.1	94.2	95.0	95.7	95.8	95.8	95.8	95.8	95.8	95.8		
GE 700		65.9	67.4	80.8	80.8	89.9	91.6	93.3	94.7	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3		
GE 600		65.9	67.4	80.8	80.8	90.4	92.1	93.9	95.3	96.6	97.3	97.6	97.7	97.7	97.7	97.7	97.7		
GE 500		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.8	97.1	97.9	98.4	98.7	98.7	98.7	98.7	98.7		
GE 400		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.9	97.4	98.2	99.0	99.4	99.6	99.6	99.6	99.6		
GE 300		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.9	97.4	98.2	99.1	99.6	99.7	99.7	99.7	99.7		
GE 200		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.9	97.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0		
GE 100		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.9	97.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0		
GE 000		65.9	67.4	80.8	80.8	90.4	92.3	94.2	95.9	97.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	37.2	37.4	39.3	39.3	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 20000	44.9	45.2	48.2	48.2	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	45.1	45.4	48.6	48.6	49.6	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 16000	45.3	45.7	48.8	48.8	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	46.2	46.6	50.1	50.1	51.3	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	47.6	47.9	51.4	51.4	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	50.0	50.4	54.4	54.4	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 9000	50.8	51.2	55.6	55.6	57.8	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	53.2	53.7	58.7	58.7	61.4	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	53.3	53.8	59.0	59.0	61.9	62.3	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	53.3	53.8	59.0	59.0	62.0	62.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 5000	55.0	55.4	61.0	61.0	64.0	64.4	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	56.3	56.8	62.3	62.3	65.8	66.3	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	62.2	62.7	70.2	70.2	74.3	74.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	64.2	64.7	72.8	72.8	77.2	78.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	65.7	66.1	74.9	74.9	80.0	81.0	82.3	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	66.4	66.9	76.3	76.3	81.9	83.6	85.0	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	67.0	67.4	77.4	77.4	83.7	85.6	87.3	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	67.0	67.4	77.7	77.7	84.1	86.0	87.8	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	67.3	67.8	78.4	78.4	85.8	87.9	90.1	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	67.3	67.8	78.4	78.4	86.1	88.6	91.1	92.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	67.4	67.9	78.7	78.7	86.6	89.0	91.8	92.8	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	67.4	67.9	78.7	78.7	86.7	89.1	92.0	93.1	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	67.6	68.0	78.8	78.8	87.1	89.8	92.9	94.2	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	67.6	68.0	78.9	78.9	87.3	90.0	93.2	94.6	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	67.6	68.0	78.9	78.9	87.6	90.4	93.9	95.2	95.9	96.6	97.1	97.1	97.2	97.2	97.2	97.2
GE 500	67.6	68.0	78.9	78.9	88.0	90.9	94.4	96.3	97.3	98.2	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	67.6	68.0	78.9	78.9	88.0	90.9	94.4	96.4	97.6	98.6	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	67.6	68.0	78.9	78.9	88.0	90.9	94.4	96.6	97.7	98.7	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	67.6	68.0	78.9	78.9	88.0	90.9	94.6	96.7	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	67.6	68.0	78.9	78.9	88.0	90.9	94.6	96.7	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	67.6	68.0	78.9	78.9	88.0	90.9	94.6	96.7	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
UNAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476-20				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: APR HOURS: 21-23											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CE'L		36.3	36.6	39.2	39.2	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7		
GE 20000		43.6	43.8	47.2	47.2	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0		
GE 18000		44.1	44.3	47.8	47.8	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6		
GE 16000		44.4	44.7	48.1	48.1	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9		
GE 14000		44.9	45.1	48.7	48.7	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4		
GE 12000		46.1	46.3	49.9	49.9	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8		
CE 10000		48.7	48.9	52.7	52.7	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6		
GE 9000		49.8	50.0	54.0	54.0	55.7	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2		
GE 8000		51.8	52.0	56.7	56.7	59.0	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6		
GE 7000		52.2	52.4	57.3	57.3	59.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4		
GE 6000		52.4	52.7	57.6	57.6	60.0	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7		
GE 5000		54.9	55.1	60.3	60.3	63.0	63.1	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0		
GE 4500		56.4	56.7	62.2	62.2	64.9	65.0	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9		
GE 4000		62.0	62.3	69.0	69.0	71.9	72.1	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0		
GE 3500		64.3	64.9	72.0	72.0	75.0	75.4	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3		
GE 3000		66.2	66.8	74.2	74.2	77.6	78.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2		
GE 2500		66.9	67.4	75.6	75.6	79.6	80.3	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8		
GE 2000		67.8	68.3	77.4	77.4	82.7	83.8	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2		
GE 1800		67.8	68.3	77.6	77.6	82.8	83.9	85.0	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8		
GE 1500		68.2	68.8	78.4	78.4	84.7	86.0	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1		
GE 1200		68.9	69.4	79.2	79.2	86.6	87.9	89.4	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6		
GE 1000		69.0	69.6	79.6	79.6	87.6	88.9	91.1	91.9	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6		
GE 900		69.0	69.6	79.6	79.6	87.6	88.9	91.1	92.0	92.2	92.4	92.9	93.0	93.1	93.1	93.1	93.1		
GE 800		69.1	69.8	79.8	79.8	88.6	90.2	92.6	93.6	93.8	94.0	94.4	94.6	94.7	94.7	94.7	94.7		
GE 700		69.1	69.8	79.8	79.8	88.6	90.2	92.9	93.9	94.1	94.6	95.0	95.1	95.3	95.3	95.3	95.3		
GE 600		69.2	69.9	79.9	79.9	88.8	90.4	93.4	94.7	95.0	95.6	96.0	96.1	96.3	96.3	96.3	96.3		
GE 500		69.3	70.0	80.0	80.0	89.2	91.0	94.6	95.9	96.3	97.1	97.7	97.9	98.1	98.1	98.1	98.1		
GE 400		69.3	70.0	80.0	80.0	89.3	91.3	94.9	96.4	96.9	97.7	98.2	98.4	98.7	98.7	98.7	98.7		
GE 300		69.3	70.0	80.0	80.0	89.4	91.4	95.2	97.2	97.7	98.4	99.0	99.3	99.6	99.6	99.6	99.6		
GE 200		69.3	70.0	80.0	80.0	89.4	91.4	95.3	97.3	97.8	98.6	99.3	99.7	99.9	99.9	99.9	99.9		
GE 100		69.3	70.0	80.0	80.0	89.4	91.4	95.3	97.3	97.9	98.7	99.4	99.8	100.0	100.0	100.0	100.0		
GE 000		69.3	70.0	80.0	80.0	89.4	91.4	95.3	97.3	97.9	98.7	99.4	99.8	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.7	34.1	38.1	38.1	39.5	39.6	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	39.7	40.3	45.9	45.9	47.9	47.9	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	40.3	40.9	46.6	46.6	48.7	48.7	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 16000	40.4	41.0	46.7	46.7	48.8	48.8	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	40.8	41.4	47.2	47.2	49.3	49.4	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 12000	41.9	42.5	48.4	48.4	50.6	50.7	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1
GE 10000	44.2	44.7	51.2	51.2	53.8	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 9000	44.8	45.4	52.2	52.2	55.3	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
GE 8000	47.1	47.7	55.1	55.1	59.0	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 7000	47.9	48.5	56.2	56.2	60.2	60.5	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	48.0	48.7	56.3	56.3	60.4	60.7	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	49.8	50.5	58.5	58.5	62.8	63.1	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8
GE 4500	50.9	51.6	59.8	59.8	64.3	64.6	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	56.5	57.3	67.2	67.2	72.3	72.8	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	58.5	59.4	69.9	69.9	75.5	76.1	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 3000	60.2	61.1	72.2	72.2	78.4	79.1	80.0	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	61.1	62.0	73.7	73.7	80.5	81.5	82.4	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	61.9	62.8	75.1	75.1	82.7	84.0	85.1	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	62.0	62.9	75.4	75.4	83.1	84.4	85.4	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
GE 1500	62.5	63.4	76.4	76.4	85.0	86.6	87.9	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	62.7	63.6	76.8	76.9	86.2	87.9	89.4	90.5	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3
GE 1000	62.8	63.7	77.1	77.1	87.1	88.8	90.7	91.9	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.1
GE 900	62.8	63.8	77.2	77.2	87.3	89.1	91.0	92.3	92.7	93.2	93.5	93.5	93.6	93.6	93.6	93.6
GE 800	62.8	63.8	77.4	77.4	87.9	89.9	92.2	93.6	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.1
GE 700	62.8	63.8	77.5	77.5	88.1	90.2	92.5	94.0	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.7
GE 600	62.9	63.8	77.5	77.5	88.4	90.5	92.9	94.6	95.3	96.0	96.4	96.5	96.5	96.5	96.5	96.6
GE 500	62.9	63.8	77.5	77.6	88.6	90.9	93.5	95.5	96.2	97.2	97.8	98.0	98.0	98.0	98.0	98.1
GE 400	62.9	63.8	77.6	77.6	88.7	91.1	93.7	95.8	96.7	97.8	98.5	98.7	98.9	98.9	98.9	98.9
GE 300	62.9	63.8	77.6	77.6	88.8	91.2	93.9	96.1	97.1	98.4	99.2	99.4	99.6	99.6	99.6	99.7
GE 200	62.9	63.8	77.6	77.6	88.8	91.2	93.9	96.2	97.2	98.5	99.4	99.6	99.8	99.9	99.9	100.0
GE 100	62.9	63.8	77.6	77.6	88.8	91.2	93.9	96.2	97.2	98.6	99.4	99.6	99.9	99.9	99.9	100.0
GE 000	62.9	63.8	77.6	77.6	88.8	91.2	93.9	96.2	97.2	98.6	99.4	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: MAY HOURS: 00-02											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		27.5	30.3	33.5	33.7	36.6	37.1	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	
GE 20000		33.3	36.3	42.0	42.2	46.0	46.6	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000		33.7	36.7	42.4	42.5	46.3	46.9	47.5	47.5	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000		33.7	36.7	42.4	42.5	46.3	46.9	47.5	47.5	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000		33.7	36.7	42.4	42.5	46.3	46.9	47.5	47.5	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000		34.8	37.8	43.8	43.9	47.8	48.5	49.1	49.1	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000		37.6	40.6	47.1	47.2	51.6	52.5	53.1	53.1	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000		38.5	41.5	48.0	48.1	52.5	53.3	54.0	54.0	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000		40.5	43.8	50.8	50.9	55.8	56.8	57.5	57.5	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000		41.2	44.4	51.4	51.5	56.6	57.5	58.3	58.3	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000		41.2	44.4	51.4	51.5	56.6	57.5	58.3	58.3	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 5000		42.7	45.9	53.3	53.4	58.8	59.8	60.5	60.5	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 4500		43.9	47.1	54.7	54.8	60.3	61.3	62.0	62.0	62.3	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
CE 4000		48.3	51.9	61.1	61.2	67.8	68.8	69.9	70.1	70.3	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500		50.0	53.7	63.1	63.2	70.1	71.2	72.3	72.5	72.7	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000		52.4	56.6	67.0	67.1	74.9	76.0	77.2	77.4	77.6	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500		54.1	58.3	70.0	70.1	78.1	79.2	80.8	81.1	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000		55.3	59.7	71.6	71.7	79.9	81.2	82.7	83.0	83.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800		55.4	59.8	71.7	71.8	80.2	81.5	83.0	83.3	83.5	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500		56.2	60.6	73.1	73.2	81.9	83.3	85.5	85.9	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200		56.5	60.9	73.5	73.7	82.4	84.0	86.2	87.0	87.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000		57.2	61.6	74.6	74.7	84.7	86.5	89.0	90.1	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900		57.2	61.6	74.6	74.7	84.9	86.8	89.4	90.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
CE 800		57.2	61.6	74.8	74.9	85.3	87.1	89.8	90.9	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700		57.2	61.6	74.8	74.9	85.4	87.2	90.3	91.7	92.3	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600		57.3	61.7	75.1	75.2	86.3	88.3	91.7	93.1	93.8	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500		57.3	61.7	75.1	75.2	86.6	88.9	92.9	94.3	95.1	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400		57.3	61.7	75.1	75.2	86.6	89.1	93.4	94.8	96.0	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300		57.4	61.8	75.2	75.3	87.0	89.7	94.5	95.9	97.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200		57.4	61.8	75.2	75.3	87.0	89.7	94.7	96.1	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100		57.4	61.8	75.2	75.3	87.0	89.7	94.7	96.1	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 000		57.4	61.8	75.2	75.3	87.0	89.7	94.7	96.1	97.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	25.4	28.3	32.5	32.5	36.5	36.9	37.0	37.3	37.3	37.5	37.6	37.6	37.6	37.6	37.7	37.7
GE 20000	31.7	34.9	40.4	40.4	45.5	45.9	46.2	46.8	46.8	47.0	47.1	47.1	47.1	47.1	47.2	47.2
GE 18000	31.7	34.9	40.4	40.4	45.6	46.1	46.5	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.4	47.4
GE 16000	31.7	34.9	40.4	40.4	45.6	46.1	46.5	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.4	47.4
GE 14000	31.7	34.9	40.4	40.4	45.6	46.1	46.5	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.4	47.4
GE 12000	32.6	35.8	41.4	41.4	46.6	47.1	47.4	48.0	48.0	48.2	48.3	48.3	48.3	48.3	48.4	48.4
GE 10000	35.7	39.1	46.1	46.1	51.8	52.5	53.0	53.5	53.5	53.8	53.9	53.9	53.9	53.9	54.0	54.0
GE 9000	36.9	40.3	47.6	47.6	53.4	54.1	54.6	55.2	55.2	55.4	55.5	55.5	55.5	55.5	55.6	55.6
GE 8000	38.7	42.2	49.8	49.8	55.7	56.3	56.9	57.5	57.5	57.7	57.8	57.8	57.8	57.8	58.0	58.0
GE 7000	39.9	43.4	51.2	51.2	57.5	58.2	58.7	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8
GE 6000	39.9	43.4	51.2	51.2	57.5	58.2	58.7	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8
GE 5000	41.0	44.7	53.0	53.0	59.5	60.1	60.6	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.7	61.7
GE 4500	41.8	45.6	54.1	54.1	60.9	61.5	62.2	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.2	63.2
GE 4000	45.1	49.1	58.8	58.8	66.5	67.3	68.0	68.6	68.6	69.1	69.2	69.2	69.2	69.2	69.4	69.4
GE 3500	46.9	51.0	61.0	61.0	69.0	69.9	70.6	71.4	71.4	71.9	72.0	72.0	72.0	72.0	72.2	72.2
GE 3000	48.6	52.8	63.4	63.4	72.2	73.5	74.3	75.1	75.1	75.6	75.7	75.7	75.7	75.7	75.8	75.8
GE 2500	50.5	54.7	66.0	66.0	75.2	77.1	78.0	78.7	78.7	79.2	79.4	79.4	79.	79.4	79.5	79.5
GE 2000	52.2	56.5	68.0	68.0	77.4	79.8	80.6	81.6	81.6	82.2	82.3	82.3	82.3	82.3	82.4	82.4
GE 1800	52.3	56.6	68.2	68.2	77.6	80.1	81.0	82.0	82.0	82.6	82.7	82.7	82.7	82.7	82.8	82.8
GE 1500	53.8	58.4	70.3	70.3	80.3	82.8	83.7	84.7	84.8	85.4	85.5	85.5	85.5	85.5	85.6	85.6
GE 1200	53.9	58.5	70.6	70.6	81.0	83.4	84.5	85.9	86.1	86.7	86.9	86.9	86.9	86.9	87.0	87.0
GE 1000	54.2	58.9	71.3	71.3	82.2	84.9	86.1	87.7	88.0	88.6	88.8	88.8	88.8	88.8	88.9	88.9
GE 900	54.2	58.9	71.3	71.3	82.7	85.8	87.0	88.9	89.1	89.8	90.0	90.0	90.0	90.0	90.1	90.1
GE 800	54.3	59.0	71.5	71.5	83.0	86.2	87.7	89.7	90.0	90.6	91.0	91.0	91.0	91.0	91.1	91.1
GE 700	54.3	59.0	71.6	71.6	83.2	86.7	88.5	90.8	91.1	91.7	92.2	92.2	92.2	92.2	92.3	92.3
GE 600	54.3	59.0	71.7	71.7	84.1	87.7	89.7	91.9	92.3	92.9	93.4	93.4	93.5	93.5	93.7	93.7
GE 500	54.4	59.1	71.9	71.9	84.4	88.4	90.6	92.9	93.3	94.3	94.8	94.8	94.9	95.1	95.2	95.2
GE 400	54.4	59.1	72.2	72.2	84.7	88.7	91.1	93.8	94.3	95.6	96.1	96.2	96.3	96.5	96.6	96.6
GE 300	54.5	59.2	72.3	72.3	85.4	89.5	91.9	95.2	95.9	97.6	98.5	98.6	98.7	98.8	98.9	98.9
GE 200	54.5	59.2	72.3	72.3	85.5	89.6	92.0	95.4	96.1	98.0	98.9	99.0	99.6	99.8	99.9	99.9
GE 100	54.5	59.2	72.3	72.3	85.5	89.6	92.0	95.4	96.1	98.0	98.9	99.0	99.6	99.8	99.9	100.0
GE 000	54.5	59.2	72.3	72.3	85.5	89.6	92.0	95.4	96.1	98.0	98.9	99.0	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88													
		LST TO UTC: - 9		MONTH: MAY HOURS: 06-08													
CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL		23.9	26.5	32.6	32.6	38.7	38.9	39.0	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000		27.8	30.8	39.2	39.2	47.8	48.2	48.4	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 18000		28.0	30.9	39.7	39.7	48.4	48.7	48.9	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 16000		28.0	30.9	39.7	39.7	48.4	48.7	48.9	49.4	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7
GE 14000		28.5	31.4	40.4	40.4	49.1	49.5	49.7	50.1	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4
GE 12000		29.6	32.5	41.6	41.6	50.3	50.6	51.0	51.5	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000		31.2	34.1	44.5	44.5	53.8	54.2	54.6	55.4	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000		32.0	34.9	46.3	46.3	56.1	56.6	57.0	57.7	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000		34.2	37.4	49.7	49.7	59.6	60.0	60.4	61.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000		34.9	38.3	50.8	50.8	61.3	61.7	62.2	62.9	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000		34.9	38.3	50.8	50.8	61.3	61.7	62.2	62.9	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000		36.6	39.9	52.6	52.6	63.1	63.5	64.0	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2
GE 4500		38.1	41.4	54.3	54.3	64.8	65.3	65.7	66.5	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000		39.4	43.0	56.2	56.2	67.5	68.2	69.0	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500		40.1	43.9	57.5	57.5	70.0	71.0	71.8	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000		41.0	44.9	59.4	59.4	72.7	74.3	75.4	76.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500		42.7	46.7	62.2	62.2	77.1	78.8	79.9	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000		43.3	47.3	62.9	62.9	78.4	80.5	81.8	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800		43.4	47.4	63.0	63.0	78.5	80.6	81.9	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500		43.9	47.8	63.9	63.9	79.7	81.8	83.5	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200		44.1	48.1	64.2	64.2	80.3	82.5	84.3	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000		44.3	48.3	64.6	64.6	81.3	83.7	85.6	87.3	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 900		44.5	48.5	64.8	64.8	81.9	84.4	86.3	88.3	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 800		44.5	48.6	64.9	64.9	82.0	84.7	86.8	88.9	89.5	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 700		44.7	48.8	65.3	65.3	82.5	85.8	88.3	90.5	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 600		44.7	48.8	65.4	65.4	82.9	86.5	89.0	91.4	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 500		44.7	48.8	65.6	65.6	83.4	87.6	90.3	92.8	93.7	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 400		44.7	48.8	65.6	65.6	83.4	87.8	90.6	93.9	95.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8
GE 300		44.7	48.8	65.6	65.6	83.4	87.8	90.8	94.4	96.1	97.2	97.8	97.8	98.0	98.2	98.5	98.5
GE 200		44.7	48.8	65.6	65.6	83.4	87.8	90.8	94.5	96.3	98.0	98.9	98.9	99.2	99.6	99.9	99.9
GE 100		44.7	48.8	65.6	65.6	83.4	87.8	90.8	94.5	96.3	98.0	98.9	98.9	99.2	99.6	100.0	100.0
GE 000		44.7	48.8	65.6	65.6	83.4	87.8	90.8	94.5	96.3	98.0	98.9	98.9	99.2	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.3	27.3	36.5	36.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	30.2	33.5	46.1	46.1	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000	30.9	34.4	47.5	47.5	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	30.9	34.4	47.5	47.5	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	32.2	35.7	48.9	48.9	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	32.5	36.2	50.3	50.3	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 10000	33.5	37.4	53.0	53.0	59.4	59.8	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	35.6	39.5	55.3	55.3	61.7	62.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	37.3	41.4	57.7	57.7	64.5	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 7000	37.6	41.7	59.0	59.0	66.2	66.7	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	37.7	41.8	59.1	59.1	66.5	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	39.5	43.5	61.1	61.1	68.4	68.8	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	40.0	44.1	61.6	61.6	69.0	69.5	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	42.4	46.7	65.9	65.9	73.9	74.3	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	43.8	48.3	68.7	68.7	77.3	77.8	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	46.5	51.0	72.0	72.0	81.3	82.4	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	46.9	51.4	72.8	72.8	82.5	83.7	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	47.4	51.9	73.5	73.5	84.0	85.4	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	47.4	51.9	73.7	73.7	84.4	85.8	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	47.5	52.0	74.1	74.1	85.3	86.7	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	47.5	52.0	74.1	74.1	86.0	87.7	88.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	47.6	52.2	74.3	74.3	87.0	88.7	89.6	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	47.7	52.3	74.4	74.4	87.5	89.2	90.3	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	47.7	52.3	74.4	74.4	88.2	89.9	91.0	92.9	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	47.7	52.3	74.4	74.4	88.7	90.8	91.9	94.0	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	47.7	52.3	74.	74.4	89.0	91.4	93.0	95.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	47.7	52.3	74.4	74.4	89.1	91.5	93.3	96.6	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	47.7	52.3	74.4	74.4	89.1	91.5	93.3	97.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	47.7	52.3	74.4	74.4	89.1	91.5	93.3	97.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	47.7	52.3	74.4	74.4	89.1	91.5	93.3	97.2	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	47.7	52.3	74.4	74.4	89.1	91.5	93.3	97.2	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0
GE 000	47.7	52.3	74.4	74.4	89.1	91.5	93.3	97.2	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN								PERIOD OF RECORD: MAR 78 - FEB 88							
		LST TO UTC: - 9								MONTH: MAY HOURS: 12-14							
CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL		28.7	31.3	35.5	35.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 20000		38.5	41.7	48.9	48.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000		39.4	42.6	50.1	50.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 16000		39.5	42.7	50.2	50.2	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000		40.4	43.8	51.3	51.3	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000		41.3	44.7	52.6	52.6	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000		44.8	48.3	56.3	56.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000		47.0	50.4	58.9	58.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000		48.9	52.4	61.6	61.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000		49.4	52.8	62.9	62.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000		49.4	52.9	63.0	63.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000		51.1	55.2	65.5	65.5	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500		51.8	56.0	66.6	66.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000		55.4	60.2	71.9	71.9	76.0	76.0	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500		56.9	62.2	75.2	75.2	79.6	79.7	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000		59.7	65.1	79.1	79.1	83.9	84.1	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500		60.3	65.7	80.1	80.1	85.8	86.0	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000		61.3	66.7	81.5	81.5	87.8	88.2	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800		61.5	66.9	81.7	81.7	88.3	88.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500		61.7	67.1	82.2	82.2	89.2	89.8	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200		61.7	67.1	82.2	82.2	89.6	90.8	91.7	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000		61.8	67.2	82.7	82.7	90.8	92.5	93.5	94.5	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 900		61.8	67.2	82.7	82.7	91.0	92.7	93.9	94.8	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 800		61.8	67.2	82.8	82.8	91.2	92.9	94.3	95.5	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 700		61.9	67.3	83.0	83.0	91.4	93.4	94.9	96.6	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8
GE 600		61.9	67.3	83.0	83.0	91.7	93.9	95.5	97.2	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9
GE 500		62.0	67.4	83.1	83.1	91.8	94.0	95.6	97.4	98.3	98.9	99.2	99.4	99.4	99.4	99.4	99.4
GE 400		62.0	67.4	83.1	83.1	91.8	94.0	95.6	97.5	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7
GE 300		62.2	67.5	83.2	83.2	91.9	94.1	95.7	97.6	98.5	99.2	99.6	99.7	99.8	99.8	99.8	99.8
GE 200		62.2	67.5	83.2	83.2	91.9	94.1	95.7	97.6	98.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0
GE 100		62.2	67.5	83.2	83.2	91.9	94.1	95.7	97.6	98.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0
GE 000		62.2	67.5	83.2	83.2	91.9	94.1	95.7	97.6	98.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.6	29.5	32.9	32.9	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	37.0	40.2	46.5	46.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	37.7	41.0	47.4	47.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	37.8	41.1	47.5	47.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 14000	38.8	42.0	48.5	48.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	40.4	43.8	50.2	50.2	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	45.1	49.0	56.9	56.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	46.1	50.1	58.0	58.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	49.1	53.2	61.9	61.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	49.6	53.8	63.1	63.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 6000	50.0	54.4	63.8	63.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	52.8	57.5	67.2	67.2	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	54.4	59.1	68.8	68.8	72.0	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	58.4	63.7	75.1	75.1	79.1	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	59.4	65.2	76.8	76.8	81.0	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	61.6	67.4	79.9	79.9	84.4	84.7	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	61.9	67.7	81.0	81.0	86.5	87.0	87.5	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	62.7	68.5	81.8	81.8	87.8	88.5	89.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	62.7	68.5	81.9	81.9	88.0	88.6	89.2	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	62.7	68.5	82.6	82.6	89.4	90.1	90.9	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	63.0	68.8	83.3	83.3	90.6	91.7	92.8	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	63.0	68.8	83.8	83.8	91.7	92.9	94.1	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	63.1	68.9	83.9	83.9	91.8	93.0	94.3	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	63.1	68.9	83.9	83.9	91.8	93.1	94.4	95.7	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	63.1	68.9	83.9	83.9	92.2	94.1	95.5	97.0	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	63.1	68.9	84.0	84.0	92.4	94.5	95.9	97.5	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.6	98.4	99.1	99.2	99.4	99.4	99.4	99.4	99.4
GE 400	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	63.1	68.9	84.0	84.0	92.4	94.6	96.0	97.7	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88												
				LST TO UTC: - 9				MONTH: MAY HOURS: 18-20												
CEILING																VISIBILITY IN METERS				
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00				
NO CEIL	27.0	29.6	34.3	34.3	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	37.1	39.8	46.6	46.6	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 19000	38.0	40.6	47.5	47.5	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	38.0	40.6	47.5	47.5	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	38.3	41.0	47.8	47.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	39.8	42.7	49.7	49.7	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	43.9	47.1	54.5	54.5	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	44.6	47.8	55.5	55.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	48.1	51.6	59.6	59.6	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	48.3	51.8	59.9	59.9	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	48.3	51.9	60.0	60.0	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	50.0	53.9	62.9	62.9	69.1	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	51.3	55.3	64.7	64.7	71.1	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	54.6	58.9	69.5	69.5	77.0	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	55.6	59.9	71.2	71.2	78.9	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	57.0	61.4	73.4	73.4	82.2	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	58.1	62.5	74.6	74.6	84.1	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	58.3	62.7	75.2	75.2	85.5	86.6	87.0	87.3	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	58.4	62.8	75.3	75.3	85.8	86.9	87.3	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	58.4	62.8	75.5	75.5	86.2	88.0	88.6	89.1	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	58.5	63.0	76.1	76.1	87.1	88.9	89.9	90.6	91.0	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	58.9	63.4	76.7	76.7	88.0	89.9	91.1	92.0	92.6	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	58.9	63.4	76.7	76.7	88.0	89.9	91.2	92.3	92.8	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	58.9	63.4	76.8	76.8	88.2	90.4	91.8	92.9	93.4	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	58.9	63.4	76.8	76.8	88.3	90.5	92.2	93.4	94.1	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	59.0	63.5	77.0	77.0	88.6	90.9	92.7	94.1	94.7	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	59.0	63.5	77.1	77.1	88.7	91.1	93.4	94.9	95.9	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	59.0	63.5	77.2	77.2	88.9	91.4	93.9	95.5	96.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	59.0	63.5	77.2	77.2	88.9	91.4	94.0	95.6	96.8	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	59.0	63.5	77.2	77.2	88.9	91.4	94.0	95.6	96.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	59.0	63.5	77.2	77.2	88.9	91.4	94.0	95.6	96.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	59.0	63.5	77.2	77.2	88.9	91.4	94.0	95.6	96.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.0	30.0	34.9	34.9	37.4	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 20000	35.6	38.8	45.7	45.7	49.0	49.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 18000	36.1	39.4	46.2	46.2	49.7	50.2	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	36.2	39.5	46.3	46.3	49.8	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 14000	36.5	39.7	46.6	46.6	50.0	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	37.8	41.2	48.1	48.1	51.5	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	41.7	45.4	52.7	52.7	56.7	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	42.2	45.8	53.2	53.2	57.3	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	45.2	49.0	57.0	57.0	61.2	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	45.5	49.4	57.3	57.3	61.5	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	45.5	49.4	57.3	57.3	61.5	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	47.7	51.9	60.3	60.3	64.7	65.3	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4500	48.4	52.6	61.1	61.1	65.9	66.5	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4000	51.6	56.5	66.6	66.6	72.5	73.3	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	52.5	57.4	67.6	67.6	74.0	74.9	75.7	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	54.7	60.0	71.4	71.4	78.0	78.9	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	55.8	61.1	73.1	73.1	80.6	81.6	82.4	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	56.6	61.8	74.2	74.2	82.9	83.9	84.6	85.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	56.6	61.8	74.2	74.2	82.9	83.9	84.6	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	56.9	62.2	75.3	75.3	84.6	85.7	86.5	87.3	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	57.0	62.3	75.6	75.6	85.5	86.9	88.0	88.9	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	57.5	62.8	76.1	76.1	86.8	88.3	89.4	90.4	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	57.5	62.8	76.1	76.1	86.8	88.5	89.6	90.6	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	57.6	62.9	76.2	76.2	86.9	88.7	89.8	90.9	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	57.6	62.9	76.5	76.5	87.4	89.2	90.8	91.9	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	57.7	63.0	77.0	77.0	88.5	90.6	92.9	94.1	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	57.8	63.1	77.3	77.3	88.9	91.4	94.5	95.9	96.5	97.3	97.5	97.5	97.6	97.6	97.6	97.6
GE 400	57.8	63.1	77.3	77.3	88.9	91.6	95.3	96.9	97.6	98.5	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	57.8	63.1	77.4	77.4	89.0	91.7	95.4	97.0	97.7	98.8	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	57.8	63.1	77.4	77.4	89.0	91.7	95.4	97.0	97.7	98.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	57.8	63.1	77.4	77.4	89.0	91.7	95.4	97.0	97.7	98.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	57.8	63.1	77.4	77.4	89.0	91.7	95.4	97.0	97.7	98.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88													
		LST TO UTC: - 9		MONTH: MAY HOURS: ALL													
CEILING		VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	
NO CEIL	26.3	29.1	34.1	34.1	36.9	37.1	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	
GE 20000	33.9	37.0	44.4	44.4	48.5	48.8	49.0	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	
GE 18000	34.4	37.6	45.2	45.2	49.4	49.7	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	
GE 16000	34.5	37.6	45.2	45.2	49.4	49.8	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	
GE 14000	35.0	38.1	45.8	45.8	50.1	50.4	50.6	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
GE 12000	36.1	39.3	47.2	47.2	51.6	51.9	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	
GE 10000	39.2	42.6	51.4	51.4	56.4	56.8	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	
GE 9000	40.4	43.8	52.8	52.9	58.0	58.4	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	
GE 8000	42.8	46.4	56.0	56.0	61.4	61.9	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	
GE 7000	43.3	46.9	56.9	57.0	62.6	63.1	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	
GE 6000	43.4	47.1	57.1	57.1	62.8	63.2	63.6	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	
GE 5000	45.2	49.1	59.5	59.5	65.3	65.8	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 4500	46.2	50.1	60.7	60.8	66.7	67.2	67.6	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	
GE 4000	49.4	53.8	65.6	65.6	72.5	73.1	73.7	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	
GE 3500	50.6	55.2	67.6	67.6	75.0	75.7	76.3	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 3000	52.7	57.4	70.7	70.7	78.7	79.6	80.3	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	
GE 2500	53.8	58.5	72.5	72.5	81.2	82.3	83.1	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	
GE 2000	54.6	59.4	73.6	73.6	83.0	84.2	85.1	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	
GE 1800	54.7	59.5	73.7	73.7	83.2	84.5	85.4	86.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	
GE 1500	55.1	59.9	74.6	74.6	84.6	86.0	87.1	87.9	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	
GE 1200	55.3	60.1	75.0	75.0	85.3	87.0	88.2	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.1	90.1	
GE 1000	55.6	60.4	75.5	75.5	86.5	88.4	89.8	91.1	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	
GE 900	55.6	60.5	75.6	75.6	86.8	88.8	90.2	91.6	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	
GE 800	55.7	60.5	75.7	75.7	87.1	89.1	90.7	92.2	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	
GE 700	55.7	60.5	75.8	75.8	87.4	89.7	91.5	93.2	93.8	94.4	94.6	94.7	94.7	94.7	94.7	94.7	
GE 600	55.7	60.6	75.9	76.0	87.9	90.5	92.6	94.3	95.0	95.7	95.9	96.0	96.0	96.0	96.0	96.0	
GE 500	55.8	60.6	76.1	76.1	88.2	90.9	93.3	95.3	96.1	97.0	97.2	97.3	97.3	97.3	97.4	97.4	
GE 400	55.8	60.6	76.1	76.1	88.2	91.1	93.7	95.9	96.9	97.9	98.3	98.4	98.5	98.5	98.5	98.5	
GE 300	55.8	60.7	76.2	76.2	88.4	91.3	94.0	96.3	97.4	98.6	99.2	99.2	99.3	99.4	99.4	99.4	
GE 200	55.8	60.7	76.2	76.2	88.4	91.3	94.0	96.4	97.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	
GE 100	55.8	60.7	76.2	76.2	88.4	91.3	94.0	96.4	97.5	98.9	99.6	99.6	99.8	99.9	100.0	100.0	
GE 000	55.8	60.7	76.2	76.2	88.4	91.3	94.0	96.4	97.5	98.9	99.6	99.6	99.8	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.1	20.1	22.3	22.3	24.8	25.1	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 20000	21.9	24.2	28.2	28.2	33.0	33.3	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1
GE 18000	22.1	24.4	28.4	28.4	33.2	33.6	34.1	34.1	34.1	34.2	34.3	4.3	34.3	34.3	34.3	34.3
GE 16000	22.1	24.4	28.4	28.4	33.3	33.7	34.2	34.2	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4
GE 14000	23.0	25.7	29.9	29.9	34.8	35.1	35.7	35.7	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9
GE 12000	23.9	26.7	31.0	31.0	36.0	36.4	37.0	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2
GE 10000	26.6	29.3	34.6	34.6	40.3	40.8	41.3	41.3	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6
GE 9000	27.2	30.0	35.7	35.7	41.7	42.1	42.7	42.7	42.7	42.8	42.9	42.9	42.9	42.9	42.9	42.9
GE 8000	29.1	31.9	38.0	38.0	44.6	45.1	45.7	45.7	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	30.4	33.2	39.7	39.7	46.4	47.0	47.6	47.6	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8
GE 6000	30.4	33.2	39.7	39.7	46.4	47.0	47.6	47.6	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8
GE 5000	31.3	34.2	41.1	41.1	48.3	48.9	49.4	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	31.7	34.6	41.6	41.6	48.8	49.3	49.9	49.9	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 4000	34.3	38.2	46.4	46.4	54.8	55.9	56.6	56.9	57.0	57.1	57.6	57.6	57.6	57.6	57.6	57.6
GE 3500	35.3	39.2	48.0	48.0	57.1	58.3	59.3	59.7	59.8	59.9	60.3	60.3	60.3	60.3	60.3	60.3
GE 3000	36.8	40.7	49.9	49.9	60.8	62.1	63.6	63.9	64.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	38.0	41.9	51.9	51.9	63.3	64.7	66.1	66.6	66.8	67.1	67.6	67.6	67.7	67.7	67.7	67.7
GE 2000	38.6	42.8	53.3	53.3	66.2	68.0	69.6	70.0	70.2	70.7	71.1	71.1	71.2	71.2	71.2	71.2
GE 1800	38.9	43.2	54.4	54.4	67.4	69.3	70.9	71.3	71.6	72.0	72.4	72.4	72.6	72.6	72.6	72.6
GE 1500	39.9	44.4	56.6	56.6	70.9	73.4	75.3	75.8	76.0	76.4	77.0	77.0	77.1	77.1	77.1	77.1
GE 1200	40.1	44.7	57.3	57.3	72.8	75.7	78.0	78.6	78.9	79.3	79.9	80.0	80.1	80.1	80.1	80.1
GE 1000	40.8	45.3	58.2	58.2	74.2	78.2	80.8	81.8	82.3	82.8	83.3	83.4	83.6	83.6	83.6	83.6
GE 900	40.9	45.4	58.4	58.4	74.8	78.9	81.7	82.7	83.2	83.7	84.2	84.3	84.4	84.4	84.4	84.4
GE 800	40.9	45.4	59.0	59.0	76.0	80.2	83.0	84.3	84.9	85.4	86.0	86.1	86.2	86.2	86.2	86.2
GE 700	41.0	45.6	59.2	59.2	76.4	80.9	83.8	85.1	85.7	86.2	86.9	87.0	87.1	87.1	87.1	87.1
GE 600	41.6	46.3	60.1	60.1	78.0	82.8	86.0	87.7	88.9	89.6	90.2	90.3	90.4	90.4	90.4	90.4
GE 500	41.7	46.7	60.4	60.4	79.4	84.4	88.4	90.8	92.6	93.4	94.1	94.3	94.4	94.4	94.4	94.4
GE 400	41.7	46.8	60.7	60.7	80.0	85.1	89.7	92.3	94.2	95.7	96.3	96.6	96.7	96.7	96.7	96.7
GE 300	41.7	46.8	60.8	60.8	80.1	85.4	90.1	93.1	95.6	97.3	98.1	98.3	98.6	98.6	98.6	98.6
GE 200	41.7	46.8	60.8	60.8	80.1	85.4	90.1	93.1	95.6	97.3	98.2	98.6	99.2	99.2	99.3	99.3
GE 100	41.7	46.8	60.8	60.8	80.1	85.4	90.1	93.1	95.6	97.3	98.2	98.6	99.7	99.7	99.9	100.0
GE 000	41.7	46.8	60.8	60.8	80.1	85.4	90.1	93.1	95.6	97.3	98.2	98.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88															
				LST TO UTC: - 9				MONTH: JUN HOURS: 03-05															
CEILING		VISIBILITY IN METERS																					
IN FEET	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	GE	GE	GE	GE	GE	
NO CEIL		17.0	17.7	21.1	21.1	25.2	25.7	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	
GE 20000		20.9	21.7	27.4	27.4	32.9	33.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE 18000		21.1	21.9	27.8	27.8	33.2	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000		21.1	21.9	27.8	27.8	33.2	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000		22.0	23.0	28.9	28.9	34.3	35.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 12000		23.2	24.4	30.8	30.8	36.6	37.4	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 10000		24.9	26.2	32.9	32.9	39.4	40.6	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 9000		25.3	26.7	33.8	33.8	40.3	41.4	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 8000		26.7	28.0	35.6	35.6	42.6	43.7	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 7000		27.0	28.3	36.0	36.0	43.2	44.3	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 6000		27.1	28.4	36.3	36.3	43.6	44.7	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 5000		28.2	29.8	37.9	37.9	45.7	46.8	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 4500		29.0	30.7	39.0	39.0	46.8	47.9	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 4000		31.2	33.4	42.6	42.6	51.0	52.4	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
CE 3500		31.8	34.0	43.9	43.9	52.6	54.2	56.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6
GE 3000		33.4	35.8	46.0	46.0	55.7	57.3	59.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500		34.3	36.8	48.4	48.4	58.9	60.7	63.4	65.2	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000		34.9	37.6	49.9	49.9	61.6	63.7	67.0	69.0	69.6	69.6	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1800		35.6	38.3	50.9	50.9	62.8	64.9	68.2	70.3	70.9	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1500		36.0	38.9	51.8	51.8	64.6	66.9	70.6	72.8	73.3	73.4	73.4	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1200		36.8	39.7	52.8	52.8	67.0	69.9	73.9	76.6	77.1	77.2	77.2	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1000		37.0	39.9	53.1	53.1	68.4	71.9	76.1	79.3	80.0	80.1	80.1	80.2	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6
CE 900		37.0	39.9	53.1	53.1	68.6	72.4	76.7	80.0	80.7	80.8	80.8	80.9	81.6	81.6	81.6	81.6	84.1	84.1	84.1	84.1	84.1	84.1
GE 800		37.0	39.9	53.7	53.7	70.0	74.0	78.6	82.2	83.1	83.2	83.3	83.4	84.1	84.1	84.1	84.1	86.0	86.0	86.0	86.0	86.0	86.0
GE 700		37.0	40.0	53.9	53.9	70.8	74.9	80.1	83.8	84.9	85.0	85.2	85.3	86.0	86.0	86.0	86.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 600		37.4	40.7	54.8	54.8	72.3	76.8	82.4	86.7	88.0	88.2	88.6	88.7	89.3	89.3	89.3	89.3	97.8	97.8	97.8	97.8	97.8	97.8
GE 500		37.4	40.7	54.8	54.8	72.8	77.9	84.3	88.9	90.7	91.1	91.4	91.6	92.2	92.2	92.2	92.2	94.7	94.7	94.7	94.7	94.7	94.7
GE 400		37.6	40.9	55.2	55.2	73.4	78.7	85.3	90.3	92.4	93.3	93.9	94.0	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 300		37.6	40.9	55.2	55.2	73.6	79.0	85.9	91.3	94.0	95.1	96.0	96.2	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 200		37.6	41.0	55.3	55.3	73.7	79.1	86.0	91.4	94.6	96.0	97.6	97.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 100		37.6	41.0	55.3	55.3	73.7	79.1	86.0	91.4	94.6	96.0	97.6	97.8	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 000		37.6	41.0	55.3	55.3	73.7	79.1	86.0	91.6	94.7	96.1	97.7	97.9	99.0	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	13.0	13.3	18.0	18.0	23.3	24.4	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 20000	15.9	16.3	24.2	24.2	31.9	33.6	34.3	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 18000	16.2	16.7	24.7	24.7	32.3	34.0	34.8	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	16.2	16.7	24.7	24.7	32.3	34.0	34.8	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 14000	16.6	17.0	25.1	25.1	32.8	34.4	35.3	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 12000	17.9	18.4	27.2	27.2	35.1	36.9	38.0	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 10000	19.7	21.2	31.3	31.3	40.3	42.3	43.6	44.2	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 9000	20.2	21.8	32.2	32.2	41.4	43.4	44.7	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 8000	22.3	23.	35.3	35.3	45.1	47.1	48.3	49.2	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 7000	22.6	24.1	35.7	35.7	45.7	47.7	48.9	49.8	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	22.8	24.3	36.1	36.1	46.2	48.2	49.4	50.3	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 5000	23.7	25.2	37.3	37.3	48.1	50.2	51.6	52.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 4500	25.0	26.6	38.8	38.8	49.8	51.9	53.4	54.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	25.9	28.0	41.0	41.0	53.1	55.3	57.3	58.7	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500	27.4	29.6	43.1	43.1	56.8	59.0	61.0	62.4	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 3000	28.4	30.6	45.7	45.7	60.3	62.7	65.1	66.7	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4
GE 2500	29.2	31.4	46.9	46.9	62.2	64.8	67.2	68.8	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000	29.4	31.8	47.8	47.8	64.2	66.8	69.3	71.0	71.6	71.9	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	29.4	31.8	47.9	47.9	64.8	67.3	70.1	71.8	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9
GE 1500	29.7	32.1	48.8	48.8	66.3	69.0	72.1	73.9	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2
GE 1200	29.7	32.1	49.4	49.4	67.7	70.4	73.7	75.9	76.7	77.1	77.3	77.3	77.4	77.4	77.4	77.4
GE 1000	29.8	32.2	49.7	49.7	69.6	72.9	76.6	79.1	80.1	80.6	80.8	80.8	80.9	80.9	80.9	80.9
GE 900	29.8	32.2	49.7	49.7	70.0	73.6	77.3	80.0	81.0	81.4	81.7	81.7	81.8	81.8	81.8	81.8
GE 800	30.0	32.4	50.2	50.2	71.2	75.4	79.4	82.6	83.8	84.2	84.6	84.6	84.7	84.7	84.7	84.7
GE 700	30.0	32.6	50.3	50.3	71.6	76.1	80.2	83.6	85.0	85.4	85.9	85.9	86.0	86.0	86.0	86.0
GE 600	30.1	32.8	50.6	50.6	72.6	77.4	81.7	85.4	87.0	87.6	88.1	88.2	88.3	88.3	88.3	88.3
GE 500	30.1	32.9	50.7	50.7	73.0	78.2	83.6	88.0	90.3	91.2	92.3	92.4	92.7	92.7	92.7	92.9
GE 400	30.1	32.9	50.7	50.7	73.4	78.7	84.1	88.9	92.9	94.0	95.6	95.7	96.2	96.4	96.4	96.7
GE 300	30.1	32.9	50.7	50.7	73.7	78.9	84.7	89.7	93.9	95.6	97.3	97.4	98.3	98.6	98.6	98.8
GE 200	30.1	32.9	50.7	50.7	73.7	78.9	84.7	89.8	94.0	95.7	97.9	98.1	99.1	99.3	99.6	99.8
GE 100	30.1	32.9	50.7	50.7	73.7	78.9	84.7	89.8	94.1	95.8	98.0	98.2	99.2	99.4	99.7	100.0
GE 000	30.1	32.9	50.7	50.7	73.7	78.9	84.7	89.8	94.1	95.8	98.0	98.2	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS																	
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL	15.1	16.1	21.0	21.0	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	
GE 20000	19.0	20.7	29.1	29.1	35.3	35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
GE 18000	19.4	21.1	29.9	29.9	36.1	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	
GE 16000	19.4	21.1	29.9	29.9	36.1	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	
GE 14000	19.8	21.6	30.6	30.6	37.0	37.6	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	
GE 12000	20.9	22.9	32.4	32.4	39.2	39.8	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	
GE 10000	22.4	24.7	35.4	35.4	44.0	44.6	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 9000	22.8	25.0	36.1	36.1	44.7	45.2	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
GE 8000	24.9	27.4	39.7	39.7	49.6	50.1	51.0	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	
GE 7000	25.6	28.2	40.9	40.9	50.9	51.4	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 6000	25.7	28.3	41.0	41.0	51.0	51.7	52.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 5000	26.8	29.6	42.2	42.2	52.8	53.6	54.4	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 4500	28.2	31.0	44.0	44.0	54.7	55.4	56.3	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
GE 4000	29.4	32.8	46.2	46.2	58.4	59.4	60.4	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
GE 3500	30.2	33.6	47.9	47.9	60.6	61.6	62.7	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 3000	32.1	35.7	52.2	52.2	67.1	68.3	69.6	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
GE 2500	32.4	36.3	53.6	53.6	69.2	70.8	72.0	72.7	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 2000	32.8	36.8	54.8	54.8	71.6	73.3	74.7	75.3	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 1800	32.8	36.8	55.0	55.0	71.9	73.7	75.1	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 1500	33.1	37.1	56.0	56.0	74.0	75.9	78.0	78.8	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
GE 1200	33.2	37.2	56.8	56.8	76.2	78.3	81.1	81.9	82.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
GE 1000	33.3	37.3	57.0	57.0	77.8	81.0	84.6	85.8	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
GE 900	33.4	37.4	57.6	57.6	78.7	82.3	85.9	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 800	33.6	37.6	57.7	57.7	79.2	83.1	86.8	88.4	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 700	33.6	37.6	58.0	58.0	80.0	84.1	87.9	89.8	90.4	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	
GE 600	33.6	37.6	58.0	58.0	81.4	85.8	90.0	92.4	93.1	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	
GE 500	33.6	37.6	58.0	58.0	82.4	87.0	91.6	94.3	95.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	
GE 400	33.6	37.6	58.0	58.0	82.9	87.7	92.3	95.2	96.6	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	
GE 300	33.6	37.6	58.0	58.0	82.9	87.8	92.4	95.8	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	
GE 200	33.6	37.6	58.0	58.0	82.9	87.8	92.6	95.9	97.3	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	
GE 100	33.6	37.6	58.0	58.0	82.9	87.8	92.6	95.9	97.3	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	
GE 000	33.6	37.6	58.0	58.0	82.9	87.8	92.6	95.9	97.3	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.1	18.1	22.4	22.4	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 20000	23.6	25.6	35.0	35.1	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 18000	24.1	26.1	36.0	36.1	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	24.1	26.1	36.0	36.1	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	3.1
GE 14000	24.6	26.6	36.8	36.9	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	25.9	28.1	38.7	38.8	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	27.7	30.4	41.9	42.0	45.1	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 9000	28.4	31.2	43.6	43.7	46.9	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 8000	29.6	32.7	45.8	46.0	50.2	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 7000	30.9	34.0	47.2	47.4	51.9	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	31.3	34.7	47.9	48.1	52.6	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	32.7	36.3	49.7	49.9	54.6	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 4500	33.6	37.3	50.9	51.1	55.8	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 4000	36.2	40.3	56.0	56.2	62.3	63.6	64.2	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	38.3	42.4	58.4	58.7	65.2	66.6	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3000	41.9	46.4	64.1	64.3	72.0	73.3	74.2	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2500	43.3	48.0	66.2	66.4	75.0	76.6	77.4	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	44.0	48.7	67.0	67.2	77.6	79.3	80.2	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	44.1	48.8	67.3	67.6	78.1	79.9	80.8	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1500	44.2	48.9	67.9	68.1	79.9	82.0	83.7	84.6	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	44.3	49.0	68.2	68.4	81.0	83.6	85.8	86.7	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	44.6	49.2	68.8	69.0	83.3	86.6	89.1	90.7	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	44.6	49.2	68.8	69.0	83.9	87.6	90.2	91.9	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	44.7	49.3	68.9	69.1	84.2	88.1	91.0	92.9	93.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	44.8	49.4	69.1	69.3	84.8	88.8	91.7	93.8	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	44.8	49.4	69.1	69.3	85.3	89.9	93.2	95.6	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	44.8	49.4	69.1	69.3	85.6	90.1	93.6	96.1	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	44.8	49.4	69.1	69.3	85.6	90.4	94.0	96.7	98.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	44.8	49.4	69.1	69.3	85.6	90.4	94.0	96.7	98.1	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	44.8	49.4	69.1	69.3	85.6	90.4	94.0	96.7	98.1	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	44.8	49.4	69.1	69.3	85.6	90.4	94.0	96.7	98.1	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	44.8	49.4	69.1	69.3	85.6	90.4	94.0	96.7	98.1	99.2	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.9	19.4	23.0	23.0	23.3	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 20000	27.1	28.9	36.0	36.0	37.0	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 18000	27.7	29.4	36.9	36.9	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000	27.7	29.4	36.9	36.9	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 14000	28.4	30.2	38.0	38.0	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	29.7	31.8	39.9	39.9	41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 10000	31.6	34.0	42.7	42.7	45.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 9000	32.6	35.0	44.0	44.0	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 8000	35.0	37.9	47.9	47.9	51.2	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 7000	35.4	38.6	49.0	49.0	52.7	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 6000	35.6	38.7	49.1	49.1	52.8	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 5000	36.6	40.3	50.9	50.9	54.9	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4500	37.4	41.7	52.3	52.3	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4000	41.1	45.4	58.8	58.8	64.7	65.1	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3500	43.7	48.1	62.6	62.6	68.8	69.2	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	47.0	51.7	68.1	68.1	75.3	76.0	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	48.6	53.2	70.7	70.7	79.0	79.8	81.0	81.1	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	48.7	53.3	71.6	71.6	81.1	81.9	83.3	83.4	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	48.7	53.3	71.9	71.9	81.6	82.3	83.9	84.0	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	48.9	53.6	72.6	72.6	83.2	84.1	86.3	86.8	87.4	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	49.2	53.9	72.9	72.9	84.4	85.6	88.0	88.7	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3
GE 1000	49.4	54.1	73.2	73.2	85.8	87.0	89.8	91.0	91.8	92.3	92.6	92.7	92.8	92.8	92.8	92.8
GE 900	49.4	54.1	73.3	73.3	86.0	87.4	90.3	91.6	92.7	93.2	93.4	93.6	93.7	93.7	93.7	93.7
GE 800	49.4	54.1	73.3	73.3	86.2	87.9	91.3	92.7	93.9	94.4	94.9	95.0	95.1	95.1	95.1	95.1
GE 700	49.4	54.1	73.3	73.3	86.8	88.9	92.4	94.0	95.2	95.8	96.2	96.3	96.4	96.4	96.4	96.4
GE 600	49.4	54.1	73.4	73.4	87.3	89.8	93.6	95.2	96.4	97.0	97.4	97.6	97.7	97.7	97.7	97.7
GE 500	49.4	54.1	73.4	73.4	87.3	89.8	93.7	95.7	97.3	97.9	98.3	98.4	98.6	98.6	98.6	98.6
GE 400	49.4	54.1	73.4	73.4	87.4	89.9	93.8	96.0	97.8	98.4	99.1	99.2	99.4	99.6	99.6	99.6
GE 300	49.4	54.1	73.4	73.4	87.4	89.9	93.8	96.0	97.8	98.6	99.3	99.6	99.8	99.9	99.9	99.9
GE 200	49.4	54.1	73.4	73.4	87.4	89.9	93.8	96.0	97.8	98.6	99.3	99.7	99.9	100.0	100.0	100.0
GE 100	49.4	54.1	73.4	73.4	87.4	89.9	93.8	96.0	97.8	98.6	99.3	99.7	99.9	100.0	100.0	100.0
GE 000	49.4	54.1	73.4	73.4	87.4	89.9	93.8	96.0	97.8	98.6	99.3	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.8	20.0	24.1	24.1	25.1	25.4	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
GE 20000	24.2	26.4	32.7	32.7	34.1	34.4	34.7	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2
GE 18000	24.7	27.0	33.4	33.4	35.1	35.6	35.8	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3
GE 16000	24.7	27.0	33.4	33.4	35.1	35.6	35.8	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3
GE 14000	25.7	28.1	35.2	35.2	37.0	37.4	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2
GE 12000	26.9	29.9	37.2	37.2	39.4	39.9	40.1	40.2	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 10000	29.1	32.8	41.2	41.2	43.9	44.3	45.0	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6
GE 9000	30.6	34.2	42.8	42.8	45.7	46.1	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
GE 8000	32.4	36.2	46.4	46.4	50.0	50.6	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 7000	33.0	37.1	47.8	47.8	51.4	52.1	53.1	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
GE 6000	33.1	37.2	47.9	47.9	51.6	52.2	53.2	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
GE 5000	33.3	37.4	48.8	48.8	52.6	53.2	54.2	54.3	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.2
GE 4500	34.7	38.8	50.2	50.2	54.1	54.9	55.9	56.0	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9
GE 4000	37.7	42.3	55.8	55.8	61.7	62.8	64.3	64.8	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7
GE 3500	38.4	43.3	57.4	57.4	64.1	65.2	66.9	67.3	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.3
GE 3000	41.3	46.7	62.3	62.3	70.3	71.7	73.7	74.2	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.4
GE 2500	42.1	47.6	64.1	64.1	73.0	74.6	76.9	77.4	78.0	78.3	78.4	78.6	78.6	78.6	78.6	78.7
GE 2000	43.1	48.8	66.0	66.0	76.0	78.0	80.4	81.0	81.6	82.1	82.2	82.3	82.3	82.3	82.3	82.4
GE 1800	43.3	49.0	66.2	66.2	76.3	78.4	81.0	81.6	82.1	82.7	82.8	82.9	82.9	82.9	82.9	83.0
GE 1500	43.4	49.1	66.3	66.3	77.0	80.1	82.9	83.7	84.3	84.9	85.0	85.1	85.1	85.1	85.1	85.2
GE 1200	43.7	49.3	66.6	66.6	78.1	82.1	85.2	86.4	87.2	87.9	88.3	88.4	88.4	88.4	88.4	88.6
GE 1000	44.1	49.8	67.1	67.1	79.1	83.8	87.7	89.1	90.3	91.0	91.6	91.8	91.9	91.9	91.9	92.0
GE 900	44.1	49.8	67.1	67.1	79.3	84.0	88.0	89.4	91.0	91.7	92.3	92.6	92.7	92.7	92.7	92.8
GE 800	44.2	49.9	67.6	67.6	80.1	84.9	89.1	90.9	92.6	93.3	94.2	94.4	94.7	94.7	94.7	94.8
GE 700	44.3	50.0	67.7	67.7	80.4	85.3	89.6	91.4	93.3	94.1	95.0	95.2	95.7	95.7	95.7	95.8
GE 600	44.4	50.1	67.9	67.9	80.9	86.1	90.3	92.3	94.3	95.2	96.1	96.3	96.8	96.8	96.8	96.9
GE 500	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.6	97.1	97.6	97.8	98.3	98.3	98.3	98.4
GE 400	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.4	96.8	97.8	98.0	98.6	98.6	98.6	98.7
GE 300	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.6	97.1	98.6	98.8	99.6	99.6	99.6	99.7
GE 200	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.6	97.1	98.7	98.9	99.9	99.9	99.9	100.0
GE 100	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.6	97.1	98.7	98.9	99.9	99.9	99.9	100.0
GE 000	44.4	50.1	68.0	68.0	81.1	86.4	90.8	93.1	95.6	97.1	98.7	98.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: JUN HOURS: 21-23											
CEILING		VISIBILITY IN METERS																	
IN	FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00		
NO CEIL		16.8	18.4	22.1	22.1	24.8	24.9	25.1	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3		
GE 20000		20.8	23.3	28.3	28.3	32.4	32.7	32.9	32.9	33.2	33.4	33.6	33.6	33.6	33.6	33.6	33.6		
GE 18000		21.3	24.0	29.0	29.0	33.1	33.3	33.6	33.6	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2		
GE 16000		21.3	24.0	29.0	29.0	33.2	33.4	33.7	33.7	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3		
GE 14000		22.0	24.8	30.3	30.3	34.6	34.8	35.0	35.0	35.3	35.6	35.7	35.7	35.7	35.7	35.7	35.7		
GE 12000		23.2	26.2	32.2	32.2	36.6	36.8	37.0	37.0	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7		
GE 10000		26.2	29.6	36.8	36.8	41.3	41.6	42.2	42.2	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9		
GE 9000		26.8	30.1	37.8	37.8	42.6	42.8	43.4	43.4	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2		
GE 8000		28.6	32.1	40.3	40.3	45.9	46.4	47.4	47.4	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3		
GE 7000		29.1	32.7	41.1	41.1	46.9	47.4	48.4	48.4	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3		
GE 6000		29.2	32.9	41.3	41.3	47.1	47.7	48.7	48.7	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6		
GE 5000		30.9	34.7	43.7	43.7	49.6	50.3	51.3	51.3	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3		
GE 4500		31.4	35.2	44.4	44.4	50.3	51.1	52.1	52.1	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1		
GE 4000		34.8	39.6	50.6	50.6	57.8	59.2	60.3	60.3	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4		
GE 3500		34.9	39.9	51.1	51.1	59.2	60.9	62.2	62.2	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3		
GE 3000		37.0	42.0	54.1	54.1	63.7	65.3	66.8	66.8	67.4	67.9	68.1	68.2	68.2	68.2	68.2	68.2		
GE 2500		38.1	43.6	56.6	56.6	66.4	68.2	69.8	69.8	70.4	70.9	71.1	71.2	71.2	71.2	71.2	71.2		
GE 2000		38.9	44.8	58.3	58.3	69.9	72.0	73.9	74.0	74.7	75.3	75.6	75.7	75.7	75.7	75.7	75.7		
GE 1800		39.4	45.4	59.2	59.2	70.9	73.0	74.9	75.0	75.7	76.3	76.6	76.7	76.7	76.7	76.7	76.7		
GE 1500		39.8	45.8	60.1	60.1	72.8	76.0	78.0	78.2	78.9	79.7	80.1	80.2	80.2	80.2	80.2	80.2		
GE 1200		40.2	46.2	61.0	61.0	75.6	79.3	81.4	81.9	82.7	83.7	84.1	84.3	84.3	84.3	84.3	84.3		
GE 1000		40.6	46.7	62.1	62.1	78.3	82.7	85.1	86.2	87.3	88.7	89.1	89.3	89.3	89.3	89.3	89.4		
GE 900		40.6	46.7	62.2	62.2	78.7	83.0	85.6	86.8	88.0	89.3	89.8	90.0	90.0	90.0	90.0	90.1		
GE 800		40.8	46.9	63.0	63.0	79.9	84.4	87.1	88.3	89.7	91.0	91.4	91.7	91.7	91.7	91.7	91.8		
GE 700		40.9	47.0	63.1	63.1	80.2	84.8	87.4	88.9	90.3	91.7	92.1	92.3	92.3	92.3	92.3	92.4		
GE 600		41.2	47.3	63.6	63.6	80.9	85.7	88.4	90.2	91.9	93.2	93.7	93.9	93.9	93.9	93.9	94.0		
GE 500		41.2	47.3	63.6	63.6	81.3	86.3	89.3	91.7	93.7	95.6	96.2	96.6	96.6	96.6	96.6	96.7		
GE 400		41.2	47.3	63.6	63.6	81.4	86.6	89.6	92.1	94.6	96.6	97.4	97.8	97.8	97.8	97.8	97.9		
GE 300		41.2	47.3	63.6	63.6	81.4	86.6	89.9	92.7	95.1	97.2	98.6	99.1	99.1	99.1	99.1	99.2		
GE 200		41.2	47.3	63.6	63.6	81.4	86.6	89.9	92.7	95.1	97.2	98.8	99.6	99.9	99.9	99.9	100.0		
GE 100		41.2	47.3	63.6	63.6	81.4	86.6	89.9	92.7	95.1	97.2	98.8	99.6	99.9	99.9	99.9	100.0		
GE 000		41.2	47.3	63.6	63.6	81.4	86.6	89.9	92.7	95.1	97.2	98.8	99.6	99.9	99.9	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFAETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUN HOURS: ALL

CEILING	VISIBILITY IN METERS																
	IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.8	17.9	21.8	21.8	24.3	24.7	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 20000	21.7	23.4	30.1	30.1	34.3	34.8	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 18000	22.1	23.8	30.8	30.8	35.0	35.5	36.0	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	22.1	23.8	30.8	30.8	35.0	35.6	36.0	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000	22.8	24.6	31.8	31.9	36.1	36.7	37.2	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 12000	23.9	26.1	33.7	33.7	38.2	38.8	39.4	39.5	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 10000	26.0	28.5	37.1	37.1	42.4	43.2	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 9000	26.7	29.3	38.2	38.3	43.8	44.5	45.2	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000	28.6	31.3	41.1	41.2	47.4	48.2	49.1	49.3	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 7000	29.3	32.0	42.2	42.2	48.6	49.5	50.3	50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 6000	29.4	32.2	42.4	42.4	48.9	49.8	50.6	50.8	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 5000	30.4	33.4	43.9	44.0	50.8	51.7	52.6	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
GE 4500	31.4	34.5	45.2	45.2	52.1	53.0	54.0	54.2	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	33.8	37.5	49.7	49.7	58.0	59.2	60.4	60.9	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 3500	35.0	38.8	51.6	51.6	60.5	61.9	63.2	63.7	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 3000	37.3	41.2	55.3	55.3	65.7	67.1	68.7	69.3	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	38.3	42.3	57.3	57.3	68.4	70.0	71.7	72.5	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 2000	38.8	43.1	58.6	58.6	71.0	72.9	74.8	75.6	76.0	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7
GE 1800	39.0	43.3	59.1	59.1	71.7	73.6	75.6	76.4	76.8	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5
GE 1500	39.4	43.7	60.0	60.0	73.6	75.9	78.4	79.3	79.8	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6
GE 1200	39.7	44.0	60.6	60.7	75.3	78.1	80.9	82.1	82.7	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.7
GE 1000	39.9	44.3	61.2	61.2	77.1	80.5	83.7	85.4	86.2	86.7	87.0	87.1	87.3	87.3	87.3	87.3	87.3
GE 900	40.0	44.3	61.3	61.3	77.5	81.2	84.5	86.2	87.1	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2
GE 800	40.1	44.4	61.7	61.7	78.4	82.3	85.8	87.8	88.8	89.4	89.8	89.9	90.1	90.1	90.1	90.1	90.1
GE 700	40.1	44.5	61.8	61.9	78.9	83.0	86.6	88.8	89.9	90.5	91.0	91.1	91.3	91.3	91.3	91.3	91.3
GE 600	40.3	44.8	62.2	62.2	79.8	84.3	88.2	90.7	92.1	92.7	93.2	93.3	93.5	93.5	93.5	93.5	93.5
GE 500	40.3	44.8	62.3	62.3	80.4	85.0	89.4	92.3	94.1	95.1	95.7	95.8	96.0	96.0	96.0	96.0	96.1
GE 400	40.3	44.9	62.3	62.4	80.7	85.4	89.9	93.1	95.3	96.5	97.3	97.4	97.7	97.8	97.8	97.8	97.8
GE 300	40.3	44.9	62.3	62.4	80.7	85.6	90.2	93.5	95.9	97.3	98.4	98.6	99.0	99.1	99.1	99.1	99.1
GE 200	40.3	44.9	62.4	62.4	80.7	85.6	90.2	93.6	96.0	97.5	98.7	99.0	99.6	99.7	99.7	99.7	99.8
GE 100	40.3	44.9	62.4	62.4	80.7	85.6	90.2	93.6	96.0	97.5	98.8	99.0	99.6	99.7	99.7	99.8	99.9
GE 000	40.3	44.9	62.4	62.4	80.7	85.6	90.2	93.6	96.0	97.5	98.8	99.1	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN								PERIOD OF RECORD: MAR 78 - FEB 88								
		LST TO UTC: - 9								MONTH: JUL HOURS: 00-02								
CEILING		VISIBILITY IN METERS																
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	
NO CEIL		15.5	15.8	19.4	19.4	22.9	22.9	23.0	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 20000		17.8	18.3	22.6	22.6	27.4	27.5	27.6	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 18000		17.8	18.3	22.7	22.7	27.5	27.6	27.7	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 16000		17.8	18.3	22.7	22.7	27.5	27.6	27.7	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 14000		18.4	18.9	23.3	23.3	28.2	28.3	28.4	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 12000		18.9	19.5	24.1	24.1	29.4	29.5	29.6	29.9	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 10000		21.8	22.4	28.0	28.0	34.0	34.2	34.3	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 9000		22.2	22.9	28.7	28.7	35.2	35.4	35.5	35.9	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 8000		24.3	25.1	31.6	31.6	38.8	39.1	39.4	39.8	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 7000		25.1	25.9	32.5	32.5	39.8	40.2	40.6	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 6000		25.2	26.0	32.6	32.6	39.9	40.3	40.8	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 5000		26.3	27.4	34.0	34.0	41.5	41.9	42.4	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 4500		27.4	28.5	35.1	35.1	42.6	43.0	43.5	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 4000		30.4	32.0	39.5	39.5	48.4	49.2	49.8	50.4	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 3500		31.7	33.3	41.7	41.7	51.1	52.2	52.7	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 3000		33.5	35.3	44.3	44.3	54.7	56.0	56.6	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2500		35.1	37.0	46.2	46.2	57.4	58.9	59.5	60.2	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 2000		36.1	38.4	48.1	48.1	59.6	61.1	61.7	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1800		36.3	38.7	48.4	48.4	60.0	61.6	62.5	63.3	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1500		37.6	40.2	50.5	50.5	63.5	65.4	66.5	67.6	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1200		38.1	41.1	51.9	51.9	66.8	69.1	70.4	71.9	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 1000		38.5	41.5	53.3	53.3	70.5	73.9	75.8	78.3	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 900		39.2	42.3	54.2	54.2	71.5	74.9	77.0	79.6	80.1	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9
GE 800		39.7	42.7	54.8	54.8	72.9	76.8	78.8	81.6	82.2	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9
GE 700		39.8	42.8	54.9	54.9	73.5	77.8	80.1	83.2	84.0	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7
GE 600		39.9	42.9	55.2	55.2	74.3	78.8	82.2	85.5	86.3	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2
GE 500		40.2	43.2	55.5	55.5	74.8	80.0	84.4	88.5	89.8	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9
GE 400		40.2	43.2	55.5	55.5	75.2	80.8	86.0	90.6	92.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4
GE 300		40.2	43.2	55.5	55.5	75.4	81.4	87.1	92.2	94.5	96.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4
GE 200		40.2	43.2	55.5	55.5	75.4	81.4	87.2	92.3	94.6	96.5	98.0	98.2	98.8	98.8	99.1	99.1	99.1
GE 100		40.2	43.2	55.5	55.5	75.4	81.4	87.2	92.3	94.6	96.6	98.1	98.3	99.1	99.1	99.8	100.0	
GE 000		40.2	43.2	55.5	55.5	75.4	81.4	87.2	92.3	94.6	96.6	98.1	98.3	99.1	99.1	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	10.3	10.9	14.7	14.7	19.6	19.9	20.2	20.2	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 20000	12.2	12.8	17.0	17.6	24.0	24.5	25.1	25.3	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 18000	12.2	12.8	17.6	17.6	24.0	24.5	25.1	25.3	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000	12.2	12.8	17.7	17.7	24.1	24.6	25.2	25.4	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 14000	12.4	13.0	18.0	18.0	24.3	24.8	25.4	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 12000	13.0	13.7	19.0	19.0	25.5	26.0	26.6	26.8	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 10000	14.9	15.7	21.9	21.9	29.2	30.0	30.6	31.0	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 9000	15.6	16.5	22.8	22.8	30.5	31.3	32.0	32.4	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 8000	17.7	18.6	25.5	25.5	34.1	34.9	35.7	36.0	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 7000	18.3	19.1	26.0	26.0	34.9	35.9	36.7	37.0	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 6000	18.4	19.2	26.2	26.2	35.2	36.1	36.9	37.2	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 5000	18.8	19.7	26.9	26.9	36.1	37.1	38.0	38.3	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 4500	19.5	20.3	27.6	27.6	36.9	37.8	38.7	39.1	39.2	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 4000	21.0	22.4	31.7	31.7	42.5	43.5	44.9	45.4	45.5	45.9	46.0	46.0	46.0	46.0	46.0	46.0
GE 3500	21.8	23.2	34.1	34.1	45.7	46.9	48.4	48.8	48.9	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 3000	22.7	24.1	35.7	35.7	49.2	51.0	52.7	53.2	53.3	53.9	54.1	54.1	54.1	54.1	54.1	54.1
GE 2500	23.9	25.4	37.2	37.2	51.9	53.8	55.5	56.3	56.5	57.1	57.3	57.3	57.3	57.3	57.3	57.3
GE 2000	24.9	26.7	38.7	38.7	54.2	56.0	57.8	58.7	58.8	59.5	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	25.2	26.9	39.0	39.0	54.6	56.5	58.4	59.4	59.5	60.1	60.3	60.3	60.3	60.3	60.3	60.3
GE 1500	26.7	28.5	41.0	41.0	58.2	60.1	62.3	63.5	63.8	64.8	65.2	65.2	65.4	65.4	65.4	65.5
GE 1200	27.1	29.2	42.6	42.6	60.6	62.7	65.1	66.7	66.9	68.1	68.4	68.4	68.6	68.6	68.6	68.7
GE 1000	27.8	30.2	44.3	44.3	63.8	66.3	69.5	71.8	72.4	73.7	74.0	74.0	74.2	74.2	74.2	74.3
GE 900	28.1	30.4	44.6	44.6	64.3	66.9	70.1	72.5	73.0	74.3	74.6	74.6	74.9	74.9	74.9	75.1
GE 800	29.0	31.4	45.9	45.9	66.8	70.0	73.3	75.9	76.5	77.8	78.2	78.2	78.5	78.5	78.5	78.6
GE 700	29.1	31.5	46.1	46.1	68.1	71.9	75.7	78.7	79.6	81.1	81.4	81.4	81.7	81.7	81.7	81.8
GE 600	29.5	31.8	46.7	46.7	69.2	73.4	77.5	80.8	81.8	83.8	84.1	84.1	84.4	84.4	84.4	84.5
GE 500	29.6	32.0	46.9	46.9	70.3	74.9	79.9	83.5	84.8	87.4	87.8	87.8	88.4	88.4	88.4	88.5
GE 400	29.7	32.2	47.0	47.0	70.5	75.7	81.1	85.4	87.6	90.6	91.2	91.2	91.9	91.9	92.0	92.2
GE 300	29.7	32.3	47.1	47.1	71.1	76.5	81.9	86.5	88.8	92.9	94.5	94.6	95.5	95.6	95.8	96.1
GE 200	29.7	32.3	47.1	47.1	71.1	76.5	81.9	86.6	89.1	93.4	95.6	95.8	97.3	97.6	98.2	98.6
GE 100	29.7	32.3	47.1	47.1	71.1	76.5	81.9	86.6	89.1	93.4	95.7	95.9	97.5	97.8	98.6	100.0
GE 000	29.7	32.3	47.1	47.1	71.1	76.5	81.9	86.6	89.1	93.4	95.7	95.9	97.5	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: JUL HOURS: 06-08											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		8.1	8.2	14.9	14.9	22.2	22.8	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	
GE 20000		9.7	9.9	18.4	18.4	27.0	27.8	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	
GE 18000		9.7	9.9	18.4	18.4	27.0	27.8	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	
GE 16000		9.7	9.9	18.4	18.4	27.0	27.8	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	
GE 14000		9.8	10.0	18.5	18.5	27.1	28.0	29.1	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	
GE 12000		10.0	10.3	19.4	19.4	28.8	29.7	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	
GE 10000		11.5	11.9	22.5	22.5	33.3	34.5	35.7	35.9	36.0	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	
GE 9000		11.6	12.0	22.8	22.8	34.3	35.5	36.7	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	
GE 8000		12.2	12.8	24.2	24.2	36.7	38.1	39.4	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	
GE 7000		12.4	13.0	24.8	24.8	37.6	39.0	40.3	40.8	40.9	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	
GE 6000		12.4	13.0	24.8	24.8	37.7	39.1	40.4	41.0	41.1	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	
GE 5000		13.3	14.0	26.0	26.0	39.2	40.6	42.0	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	
GE 4500		14.0	14.6	26.9	26.9	40.2	41.6	43.1	43.8	44.0	44.3	44.4	44.4	44.4	44.4	44.5	44.5	44.5	
GE 4000		15.8	16.5	30.3	30.3	45.1	46.6	48.5	49.2	49.5	49.8	50.0	50.0	50.0	50.0	50.1	50.1	50.1	
GE 3500		16.2	16.9	31.1	31.1	46.5	48.1	50.1	50.9	51.1	51.4	51.6	51.6	51.6	51.6	51.7	51.7	51.7	
GE 3000		17.4	18.1	32.9	32.9	49.7	52.0	54.2	55.1	55.4	55.7	55.9	55.9	55.9	55.9	56.0	56.0	56.0	
GE 2500		18.1	18.8	33.9	33.9	51.8	54.3	56.6	57.8	58.2	58.5	58.8	58.8	58.8	58.8	58.9	58.9	58.9	
GE 2000		18.7	19.6	35.3	35.3	54.0	56.7	59.4	60.8	61.1	61.5	61.8	61.8	61.8	61.8	61.9	61.9	61.9	
GE 1800		18.7	19.6	35.5	35.5	54.4	57.1	59.8	61.3	61.6	62.0	62.4	62.4	62.4	62.4	62.5	62.5	62.5	
GE 1500		19.6	20.5	36.9	36.9	57.1	60.0	63.9	66.1	66.8	67.5	67.8	67.8	67.8	67.8	68.0	68.0	68.0	
GE 1200		20.0	21.0	38.0	38.0	59.2	62.2	66.2	68.9	69.6	70.4	70.8	70.8	70.8	70.8	70.9	70.9	70.9	
GE 1000		20.1	21.1	38.7	38.7	61.4	64.8	69.1	72.2	72.9	74.0	74.7	74.7	74.7	74.7	74.8			
GE 900		20.4	21.4	39.6	39.6	62.6	66.1	70.4	73.7	74.4	75.8	76.6	76.6	76.6	76.6	76.7	76.7		
GE 800		20.6	21.6	40.3	40.3	6.1	67.7	72.2	75.8	76.6	78.0	78.7	78.7	78.7	78.7	78.8	78.8		
GE 700		20.9	21.8	40.5	40.5	64.9	68.8	73.7	78.0	79.1	80.5	81.6	81.7	81.7	81.7	81.8	81.8		
GE 600		21.1	22.0	41.1	41.1	65.6	70.1	75.5	80.4	81.7	83.7	84.8	85.2	85.2	85.2	85.3	85.3		
GE 500		21.2	22.2	41.2	41.2	66.2	70.9	76.7	82.4	84.2	86.8	88.6	88.9	89.4	89.4	89.5	89.5		
GE 400		21.4	22.4	41.4	41.4	66.9	72.0	78.2	85.2	87.5	90.6	92.9	93.3	93.9	93.9	94.1	94.1		
GE 300		21.4	22.4	41.4	41.4	67.0	72.5	78.7	86.2	89.0	93.0	96.2	96.8	97.7	97.7	98.1	98.2		
GE 200		21.4	22.4	41.4	41.4	67.0	72.5	78.8	86.3	89.1	93.3	97.1	97.6	98.9	98.9	99.5	99.6		
GE 100		21.4	22.4	41.4	41.4	67.0	72.5	78.8	86.3	89.1	93.3	97.1	97.6	98.9	98.9	99.8	100.0		
GE 000		21.4	22.4	41.4	41.4	67.0	72.5	78.8	86.3	89.1	93.3	97.1	97.6	98.9	98.9	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	11.0	11.0	20.2	20.2	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000	13.9	13.9	24.2	24.2	32.2	32.5	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	14.0	14.0	24.3	24.3	32.3	32.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 16000	14.0	14.0	24.3	24.3	32.3	32.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 14000	14.8	14.8	25.5	25.5	33.5	33.9	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 12000	15.6	15.6	26.6	26.6	35.4	35.8	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 10000	17.3	17.3	29.4	29.4	40.3	40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 9000	18.1	18.2	30.5	30.5	41.8	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 8000	19.9	20.0	33.8	33.8	46.1	47.0	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 7000	20.1	20.2	34.4	34.4	47.0	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 6000	20.1	20.2	34.4	34.4	47.1	48.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 5000	21.3	21.8	36.5	36.5	49.6	50.6	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4500	21.8	22.5	37.1	37.1	50.4	51.5	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 4000	24.5	25.2	40.9	40.9	55.8	57.0	58.6	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 3500	24.9	25.7	41.8	41.8	57.8	59.1	60.8	61.6	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	28.3	29.1	46.5	46.5	64.7	66.3	68.0	68.9	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	28.5	29.4	46.9	46.9	65.6	67.5	69.2	70.3	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2000	29.2	30.1	47.8	47.8	67.1	69.4	71.2	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1800	29.2	30.1	48.2	48.2	68.0	70.3	72.2	73.2	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1500	29.5	30.4	49.6	49.6	71.2	74.3	76.5	78.2	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	29.6	30.5	50.5	50.5	73.5	76.9	79.4	81.5	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	29.6	30.6	51.1	51.1	76.3	80.1	82.9	85.7	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	29.7	30.8	51.3	51.3	77.5	81.4	84.3	87.1	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	29.7	30.8	51.4	51.4	78.5	82.5	85.8	89.5	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	29.8	30.9	51.6	51.6	78.8	82.8	86.3	90.4	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	29.9	31.0	51.9	51.9	79.4	84.0	87.6	92.3	93.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	29.9	31.0	51.9	51.9	79.8	85.3	89.6	94.7	96.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8
GE 400	29.9	31.0	51.9	51.9	80.1	85.8	90.1	95.4	97.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4
GE 300	29.9	31.0	51.9	51.9	80.1	85.8	90.1	95.4	97.2	99.1	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	29.9	31.0	51.9	51.9	80.1	85.8	90.1	95.4	97.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	29.9	31.0	51.9	51.9	80.1	85.8	90.1	95.4	97.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	29.9	31.0	51.9	51.9	80.1	85.8	90.1	95.4	97.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88																											
				LST TO UTC: - 9				MONTH: JUL HOURS: 12-14																											
CEILING		VISIBILITY IN METERS																																	
IN FEET	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	GE 17.5	GE 18.2	GE 24.6	GE 24.6	GE 27.1													
NO CEIL		17.5	18.2	24.6	24.6	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1						
GE 20000		21.7	22.6	31.2	31.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3						
CE 18000		22.3	23.2	32.0	32.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2						
GE 16000		22.3	23.2	32.0	32.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2						
GE 14000		22.7	23.7	32.7	32.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0							
GE 12000		23.4	24.4	34.3	34.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8							
GE 10000		25.2	26.5	37.6	37.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1							
GE 9000		26.1	27.6	39.7	39.7	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5							
GE 8000		28.2	29.9	42.3	42.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8								
GE 7000		28.7	30.4	42.8	42.8	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6								
GE 6000		28.7	30.4	42.8	42.8	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0								
GE 5000		30.0	31.7	44.4	44.4	52.2	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1							
GE 4500		30.6	32.4	45.1	45.1	53.0	53.7	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1							
GE 4000		32.8	34.5	49.1	49.1	59.0	60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8								
GE 3500		34.8	36.6	52.3	52.3	63.7	64.8	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7								
GE 3000		39.1	40.9	60.2	60.2	74.9	76.6	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5								
GE 2500		39.6	41.4	61.5	61.5	77.0	79.0	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0								
GE 2000		40.3	42.2	63.3	63.3	79.8	82.0	82.4	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3								
GE 1800		40.3	42.2	63.4	63.4	80.3	82.8	83.1	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1								
GE 1500		40.3	42.3	64.3	64.3	82.5	85.6	86.0	86.9	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4								
GE 1200		40.4	42.4	64.8	64.8	84.1	87.5	88.1	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7								
GE 1000		40.6	42.7	65.4	65.4	85.7	89.2	90.1	91.1	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3								
GE 900		40.6	42.7	65.4	65.4	86.3	90.0	90.9	91.8	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4								
GE 800		40.6	42.7	65.5	65.5	86.9	90.9	92.0	93.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2								
GE 700		40.6	42.7	65.5	65.5	86.9	91.1	923	93.5	94.5	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6								
GE 600		40.6	42.7	65.5	65.5	87.1	91.9	93.2	94.9	95.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5								
GE 500		40.6	42.7	65.6	65.6	87.5	92.6	94.1	95.9	97.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0								
GE 400		40.6	42.7	65.6	65.6	87.6	92.7	94.3	96.1	97.6	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9								
GE 300		40.6	42.7	65.6	65.6	87.6	92.7	94.3	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9								
GE 200		40.6	42.7	65.6	65.6	87.6	92.7	94.3	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9								
GE 100		40.6	42.7	65.6	65.6	87.6	92.7	94.3	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9								
GE 000		40.6	42.7	65.6	65.6	87.6	92.7	94.3	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9								

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.5	20.1	23.2	23.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	26.0	27.0	30.9	30.9	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 18000	27.0	28.0	31.9	31.9	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 16000	27.0	28.0	31.9	31.9	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 14000	27.7	28.7	32.9	32.9	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 12000	28.6	29.6	33.9	33.9	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 10000	30.9	31.8	37.4	37.4	41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	31.7	32.7	39.4	39.4	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000	34.0	34.9	42.6	42.6	47.8	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7
GE 7000	34.5	35.5	44.0	44.0	49.5	49.9	50.0	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	34.7	35.7	44.2	44.2	49.7	50.1	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 5000	36.6	37.7	46.6	46.6	52.4	52.8	52.9	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 4500	37.3	38.5	47.7	47.7	53.7	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	40.0	41.3	52.7	52.7	60.5	61.1	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	41.9	43.3	55.6	55.6	64.9	65.6	65.8	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	47.6	49.4	63.8	63.8	75.1	76.2	76.8	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	48.1	49.9	65.2	65.2	77.2	78.6	79.8	80.6	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	48.7	50.5	66.6	66.6	80.2	82.3	83.8	85.1	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	48.7	50.5	66.7	66.7	80.8	82.8	84.3	85.6	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	48.7	50.5	66.9	66.9	81.8	84.4	86.3	88.0	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	48.8	50.6	67.2	67.2	82.4	85.5	87.8	89.8	89.9	90.3	90.6	90.8	90.8	90.8	90.8	90.8
GE 1000	48.8	50.6	67.2	67.2	83.2	86.7	89.6	91.8	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2
GE 900	48.8	50.6	67.3	67.3	84.0	87.5	90.5	92.8	93.3	94.0	94.3	94.4	94.4	94.4	94.4	94.4
GE 800	48.9	50.8	67.4	67.4	84.4	88.2	91.2	93.4	94.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3
GE 700	48.9	50.8	67.4	67.4	84.5	88.4	91.4	93.7	94.2	94.9	95.4	95.5	95.5	95.5	95.5	95.5
GE 600	48.9	50.8	67.4	67.4	85.3	89.6	92.6	95.1	95.8	97.1	97.7	97.8	97.8	97.8	97.8	97.8
GE 500	48.9	50.8	67.4	67.4	85.6	90.5	93.7	96.6	97.4	98.8	99.6	99.8	99.8	99.8	99.8	99.8
GE 400	48.9	50.8	67.4	67.4	85.7	90.6	93.8	96.7	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	48.9	50.8	67.4	67.4	85.7	90.6	93.8	96.7	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	48.9	50.8	67.4	67.4	85.7	90.6	93.8	96.7	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	48.9	50.8	67.4	67.4	85.7	90.6	93.8	96.7	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	48.9	50.8	67.4	67.4	85.7	90.6	93.8	96.7	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.4	17.6	19.9	19.9	20.8	20.8	20.8	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 20000	22.9	23.4	26.9	26.9	29.1	29.2	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 18000	23.3	23.9	27.3	27.3	29.9	30.0	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 16000	23.3	23.9	27.3	27.3	29.9	30.0	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 14000	23.7	24.2	28.2	28.2	31.3	31.4	31.6	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 12000	24.2	24.7	29.1	29.1	32.7	32.9	33.1	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 10000	27.2	28.0	33.8	33.8	38.6	38.9	39.1	39.5	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 9000	28.9	29.7	35.6	35.6	41.0	41.7	41.9	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 8000	32.0	32.8	39.5	39.5	45.3	46.1	46.5	46.8	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3
GE 7000	32.8	33.5	40.5	40.5	46.6	47.4	47.8	48.3	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9
GE 6000	33.0	33.8	40.8	40.8	46.8	47.6	48.1	48.5	48.8	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 5000	34.4	35.3	42.5	42.5	49.4	50.2	50.6	51.1	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	35.2	36.1	43.5	43.5	50.6	51.5	52.0	52.5	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 4000	38.4	40.1	49.6	49.6	59.2	60.2	61.1	61.7	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 3500	40.4	42.2	52.7	52.7	62.8	63.8	64.6	65.3	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3
GE 3000	44.7	46.5	58.0	58.0	70.1	71.4	72.8	73.5	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7
GE 2500	45.9	47.7	6.0	60.0	72.8	74.4	76.1	77.2	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4
GE 2000	46.1	48.0	60.3	60.3	74.0	76.0	78.0	79.0	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2
GE 1800	46.3	48.2	60.9	60.9	74.7	76.9	78.8	79.9	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1
GE 1500	47.0	49.4	62.3	62.3	77.7	80.1	82.6	84.4	85.2	85.4	85.6	85.6	85.8	85.8	85.8	85.8
GE 1200	47.0	49.4	2.4	62.4	78.4	81.3	83.9	85.7	86.6	86.9	87.1	87.1	87.3	87.3	87.3	87.3
GE 1000	47.1	49.5	62.5	62.5	78.8	82.3	85.2	87.4	88.8	89.2	89.8	89.9	90.2	90.2	90.2	90.2
GE 900	47.1	49.5	62.6	62.6	78.9	82.5	85.4	87.6	89.0	89.5	90.0	90.1	90.4	90.4	90.4	90.4
GE 800	47.1	49.5	62.6	62.6	78.9	82.5	85.8	88.1	89.5	90.0	90.8	90.9	91.2	91.2	91.2	91.2
GE 700	47.1	49.5	62.6	62.6	79.0	82.7	86.3	88.6	90.4	91.1	91.8	91.9	92.3	92.3	92.3	92.3
GE 600	47.1	49.5	62.7	62.7	79.2	83.1	86.9	89.8	91.8	92.9	93.7	94.0	94.4	94.4	94.4	94.4
GE 500	47.1	49.5	62.8	62.8	79.6	83.7	88.1	91.2	93.4	94.7	95.8	96.3	96.8	96.8	96.8	96.8
GE 400	47.1	49.5	62.8	62.8	79.6	83.7	88.6	92.0	94.5	96.5	97.7	98.3	98.7	98.7	98.7	98.7
GE 300	47.1	49.5	62.8	62.8	79.6	83.7	88.6	92.0	94.5	96.8	98.3	98.8	99.5	99.5	99.5	99.5
GE 200	47.1	49.5	62.8	62.8	79.6	83.7	88.6	92.2	94.6	97.1	98.7	99.2	100.0	100.0	100.0	100.0
GE 100	47.1	49.5	62.8	62.8	79.6	83.7	88.6	92.2	94.6	97.1	98.7	99.2	100.0	100.0	100.0	100.0
GE 000	47.1	49.5	62.8	62.8	79.6	83.7	88.6	92.2	94.6	97.1	98.7	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.2	16.2	19.8	19.8	21.9	22.0	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 20000	19.4	19.8	25.2	25.2	28.5	28.7	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 18000	19.6	20.0	25.6	25.6	29.2	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000	19.6	20.0	25.6	25.6	29.2	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 14000	20.1	20.5	26.3	26.3	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 12000	20.4	20.9	26.7	26.7	30.6	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 10000	23.7	24.1	31.2	31.2	36.8	37.1	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 9000	23.8	24.3	31.7	31.7	38.1	38.5	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 8000	26.9	27.5	36.2	36.2	42.8	43.7	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	27.7	28.4	37.1	37.1	43.8	44.6	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 6000	28.1	28.7	37.4	37.4	44.1	44.9	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 5000	29.4	30.0	39.1	39.1	45.9	47.1	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 4500	29.9	30.5	39.8	39.8	46.6	47.8	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 4000	34.0	35.1	46.1	46.1	54.5	56.2	57.2	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3500	35.9	37.1	48.8	48.8	57.5	59.4	60.3	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 3000	38.1	39.2	51.7	51.7	61.7	64.2	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 2500	38.9	40.2	52.9	52.9	63.5	66.0	67.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2000	39.9	41.3	54.3	54.3	66.0	68.8	70.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1800	40.0	41.4	54.6	54.6	67.2	70.2	71.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 1500	41.1	42.9	56.7	56.7	70.5	74.3	76.3	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 1200	41.7	43.8	58.2	58.2	72.8	76.6	79.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 1000	42.5	44.5	60.3	60.3	76.1	80.1	83.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	42.7	44.7	60.6	60.6	76.7	80.6	83.9	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	42.9	44.9	61.0	61.0	77.2	81.4	84.7	88.2	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	43.0	45.1	61.2	61.2	77.5	82.0	85.5	88.9	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 600	43.0	45.1	61.3	61.3	78.4	82.9	86.9	91.1	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 500	43.0	45.1	61.5	61.5	78.9	83.4	87.7	92.6	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	43.0	45.1	61.5	61.5	78.9	83.9	88.4	93.8	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	43.0	45.1	61.5	61.5	78.9	84.1	88.7	94.8	96.3	97.5	98.0	98.1	98.1	98.1	98.1	98.1
GE 200	43.0	45.1	61.5	61.5	78.9	84.1	88.7	95.1	96.6	98.1	98.8	99.0	99.5	99.5	99.5	99.5
GE 100	43.0	45.1	61.5	61.5	78.9	84.1	88.7	95.1	96.6	98.1	98.8	99.0	99.6	99.6	99.8	99.9
GE 000	43.1	45.2	61.6	61.6	79.0	84.2	88.8	95.2	96.7	98.2	98.9	99.1	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: 9				MONTH: JUL HOURS: ALL											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GF 08	GF 06	GE 04	GE 00		
NO CEIL		14.4	14.7	19.6	19.6	23.1	23.2	23.4	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	
GE 20000		17.9	18.5	24.6	24.6	29.7	30.0	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
GE 18000		18.2	18.8	25.0	25.0	30.2	30.5	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 16000		18.2	18.8	25.0	25.0	30.2	30.5	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 14000		18.7	19.2	25.7	25.7	31.0	31.3	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
GE 12000		19.3	19.8	26.6	26.6	32.4	32.7	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
GE 10000		21.6	22.2	30.2	30.2	37.2	37.7	38.1	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
GE 9000		22.2	23.0	31.4	31.4	38.9	39.5	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	
GE 8000		24.4	25.2	34.4	34.4	42.6	43.4	43.8	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	
GE 7000		24.9	25.8	35.3	35.3	43.7	44.4	45.0	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 6000		25.1	25.9	35.4	35.4	43.9	44.7	45.2	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
GE 5000		26.3	27.2	37.0	37.0	45.8	46.7	47.3	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	
GE 4500		27.0	27.9	37.8	37.8	46.7	47.6	48.3	48.8	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 4000		29.6	30.9	42.5	42.5	53.1	54.2	55.2	55.8	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
GE 3500		31.0	32.3	44.8	44.8	56.3	57.5	58.5	59.1	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
GE 3000		33.9	35.3	49.1	49.1	62.5	64.2	65.4	66.1	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 2500		34.7	36.2	50.5	50.5	64.7	66.6	67.9	68.8	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 2000		35.5	37.1	51.8	51.8	66.9	69.0	70.5	71.6	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 1800		35.6	37.2	52.1	52.1	67.5	69.8	71.3	72.4	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	
GE 1500		36.3	38.1	53.5	53.5	70.3	73.0	75.0	76.6	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.6	
GE 1200		36.6	38.5	54.4	54.4	72.2	75.2	77.5	79.4	79.7	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	
GE 1000		36.9	38.8	55.3	55.3	74.5	77.9	80.7	83.0	83.6	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	
GE 900		37.1	39.0	55.7	55.7	75.2	78.8	81.6	84.0	84.6	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	
GE 800		37.3	39.3	56.1	56.1	76.2	80.0	83.0	85.7	86.4	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	
GE 700		37.4	39.4	56.2	56.2	76.7	80.7	83.9	86.9	87.8	88.6	89.0	89.1	89.2	89.2	89.2	89.2	89.2	
CE 600		37.5	39.5	56.5	56.5	77.3	81.7	85.3	88.7	89.8	91.0	91.5	91.5	91.7	91.7	91.7	91.7	91.7	
GE 500		37.6	39.5	56.6	56.6	77.8	82.7	86.8	90.7	92.0	93.5	94.2	94.3	94.5	94.5	94.5	94.5	94.6	
CE 400		37.6	39.6	56.6	56.6	78.1	83.1	87.6	91.9	93.7	95.6	96.3	96.5	96.7	96.7	96.8	96.8	96.8	
GE 300		37.6	39.6	56.7	56.7	78.2	83.4	87.9	92.5	94.5	96.7	97.9	98.1	98.5	98.5	98.6	98.6	98.6	
UE 200		37.6	39.6	56.7	56.7	78.2	83.4	87.9	92.6	94.6	97.0	98.5	98.7	99.3	99.4	99.5	99.6		
GE 100		37.6	39.6	56.7	56.7	78.2	83.4	87.9	92.6	94.6	97.0	98.5	98.8	99.4	99.4	99.7	100.0		
GE 000		37.6	39.6	56.7	56.7	78.2	83.4	87.9	92.6	94.6	97.0	98.5	98.8	99.4	99.4	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.2	27.7	31.8	31.8	35.6	35.7	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000	30.6	31.6	37.2	37.2	42.2	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 18000	30.8	31.7	37.3	37.3	42.4	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 16000	30.8	31.7	37.3	37.3	42.4	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 14000	30.8	31.8	37.5	37.5	42.7	43.0	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 12000	31.4	32.7	38.8	38.8	44.5	44.9	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	33.3	34.6	41.4	41.4	47.2	47.6	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	33.4	34.7	41.6	41.6	47.5	48.1	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 8000	36.0	37.3	44.4	44.4	50.9	51.5	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	36.3	37.6	44.7	44.7	51.3	51.9	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000	36.3	37.6	44.7	44.7	51.3	51.9	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000	36.8	38.1	45.6	45.6	52.2	52.8	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 4500	37.2	38.5	46.1	46.1	52.8	53.7	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4000	39.8	41.2	49.9	49.9	57.6	59.5	59.9	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	40.9	42.3	51.4	51.4	59.6	61.4	62.0	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 3000	43.1	44.5	55.5	55.5	64.7	66.8	67.7	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	44.5	45.9	58.2	58.2	68.0	70.1	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 2000	45.6	47.4	60.4	60.4	71.1	73.2	74.2	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 1800	45.6	47.4	60.6	60.6	71.4	73.5	74.6	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 1500	46.6	48.5	62.9	62.9	74.7	77.2	78.8	79.0	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	47.4	49.5	64.4	64.4	76.6	79.5	81.3	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	49.4	51.6	67.4	67.4	81.2	84.1	86.1	86.6	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	50.2	52.5	68.4	68.4	82.5	85.4	87.6	88.3	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	50.9	53.1	69.9	69.9	84.3	87.3	89.6	90.4	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	50.9	53.1	69.9	69.9	84.5	87.6	90.0	91.0	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	51.0	53.2	70.0	70.0	84.9	88.2	91.0	92.2	92.4	92.8	93.1	93.1	93.2	93.2	93.3	93.3
GE 500	51.1	53.3	70.2	70.2	86.2	89.9	93.4	94.9	95.2	95.7	96.1	96.1	96.2	96.2	96.3	96.3
GE 400	51.1	53.3	70.2	70.2	86.7	90.6	94.4	96.1	96.3	96.9	97.4	97.4	97.5	97.5	97.6	97.6
GE 300	51.1	53.3	70.2	70.2	86.8	91.1	95.1	97.0	97.3	98.0	98.6	98.7	98.8	98.8	98.9	98.9
GE 200	51.1	53.3	70.2	70.2	86.8	91.1	95.1	97.0	97.3	98.0	98.9	99.1	99.6	99.6	99.7	99.7
GE 100	51.1	53.3	70.2	70.2	86.8	91.1	95.1	97.0	97.3	98.0	99.0	99.2	99.7	99.7	99.8	99.8
GE 000	51.1	53.3	70.2	70.2	86.8	91.1	95.1	97.0	97.3	98.0	99.2	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: AUG HOURS: 03-05											
CEILING																			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00			
NO CEIL	23.0	23.7	29.2	29.2	34.3	35.2	36.0	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 20000	24.6	25.5	31.7	31.7	38.3	39.1	40.2	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 18000	24.6	25.5	31.7	31.7	38.3	39.2	40.3	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	24.6	25.5	31.7	31.7	38.3	39.2	40.3	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	24.6	25.6	31.9	31.9	38.6	39.6	40.6	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 12000	25.6	26.8	33.2	33.2	40.0	41.0	42.0	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 10000	27.2	28.4	35.3	35.3	42.8	43.9	44.9	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 9000	27.3	28.5	35.5	35.5	43.0	44.1	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 8000	28.6	29.8	37.3	37.3	45.2	46.3	47.4	47.7	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 7000	28.7	29.9	37.4	37.4	45.3	46.5	47.5	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	28.9	30.1	37.6	37.6	45.5	46.7	47.7	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 5000	29.5	30.8	38.3	38.3	46.3	47.5	48.6	48.9	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4500	29.7	31.0	38.5	38.5	46.6	47.8	48.9	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 4000	32.4	33.7	42.3	42.3	51.1	53.1	54.4	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3500	33.7	34.9	43.9	43.9	53.8	55.8	57.1	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	35.6	37.1	47.6	47.6	58.2	60.3	62.5	63.2	63.3	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2500	36.6	38.1	49.6	49.6	60.8	62.9	65.4	66.1	66.2	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2000	38.9	40.9	53.3	53.3	64.8	67.1	69.8	70.8	70.9	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1800	39.1	41.1	53.7	53.7	65.4	67.6	70.4	71.5	71.6	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1500	40.3	42.3	55.6	55.6	68.4	70.6	73.4	74.6	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1200	41.2	43.2	57.8	57.8	71.6	74.1	77.2	78.5	78.7	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1000	42.5	44.5	60.0	60.0	75.4	78.0	81.9	83.8	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 900	42.9	44.9	60.6	60.6	76.9	79.6	83.8	85.6	85.9	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	42.9	44.9	61.1	61.1	77.7	80.8	85.5	87.7	88.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	43.0	45.1	61.5	61.5	78.9	82.0	87.1	89.6	90.1	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	43.0	45.1	61.6	61.6	79.2	82.4	88.1	90.9	91.5	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	43.3	45.4	62.2	62.2	81.0	84.3	90.5	93.7	94.8	95.4	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	43.3	45.4	62.3	62.3	81.4	84.8	91.3	94.7	96.0	96.7	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	43.3	45.4	62.3	62.3	81.5	85.1	91.6	95.2	96.6	97.5	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	43.3	45.4	62.3	62.3	81.5	85.1	91.6	95.4	96.8	97.7	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	43.3	45.4	62.3	62.3	81.5	85.1	91.6	95.4	96.8	97.7	98.6	98.7	99.1	99.1	99.4	99.4	99.7		
GE 000	43.3	45.4	62.3	62.3	81.5	85.1	91.6	95.4	96.8	97.7	98.6	98.7	99.1	99.1	99.4	100.0			

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.0	17.1	23.8	23.8	34.0	35.4	36.3	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 20000	19.1	19.2	26.9	26.9	38.6	40.1	41.1	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	19.1	19.2	27.0	27.0	38.7	40.2	41.2	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	19.1	19.2	27.0	27.0	38.7	40.2	41.2	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	19.1	19.2	27.1	27.1	38.8	40.4	41.4	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	19.5	19.6	27.5	27.5	39.7	41.4	42.4	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 10000	21.1	21.4	30.0	30.0	43.1	45.5	46.5	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 9000	21.6	22.0	30.8	30.8	44.0	46.3	47.3	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 8000	22.6	23.1	32.8	32.8	46.9	49.2	50.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7000	22.9	23.4	33.1	33.1	47.3	49.7	50.8	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 6000	22.9	23.5	33.2	33.2	47.4	49.8	51.0	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000	23.4	24.3	34.5	34.5	49.0	51.4	52.7	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4500	23.5	24.4	34.6	34.6	49.2	51.6	52.9	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 4000	26.2	27.1	38.1	38.1	53.5	56.1	57.8	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7
GE 3500	26.8	27.7	38.9	38.9	54.6	57.3	59.0	60.6	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 3000	29.2	30.3	42.0	42.0	59.2	62.0	64.2	65.8	65.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5
GE 2500	30.1	31.2	43.9	43.9	61.8	65.1	67.3	69.2	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 2000	31.9	33.1	47.0	47.0	66.0	69.7	72.3	74.5	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 1800	32.0	33.2	47.1	47.1	66.2	69.9	72.6	74.8	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 1500	33.1	34.3	49.0	49.0	69.0	73.0	76.5	78.7	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 1200	33.4	34.6	50.3	50.3	71.9	76.2	80.0	82.5	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	34.2	35.4	51.9	51.9	74.7	79.6	83.7	86.5	87.1	87.8	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	34.2	35.4	51.9	51.9	74.9	80.0	84.2	87.1	87.7	88.5	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	34.3	35.5	52.2	52.2	75.4	80.6	84.9	88.2	88.8	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	34.3	35.5	52.5	52.5	76.1	81.5	85.8	89.4	90.0	90.9	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	34.3	35.5	52.5	52.5	76.6	82.2	87.0	91.3	92.6	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	34.3	35.5	52.6	52.6	77.2	83.2	88.1	92.6	94.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	34.3	35.5	52.6	52.6	77.5	84.2	89.1	94.2	96.0	97.4	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	34.3	35.5	52.6	52.6	77.5	84.2	89.1	94.3	96.5	98.3	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	34.3	35.5	52.6	52.6	77.5	84.2	89.1	94.3	96.5	98.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 100	34.3	35.5	52.6	52.6	77.5	84.2	89.1	94.3	96.5	98.3	99.6	99.8	99.9	99.9	99.9	100.0
GE 000	34.3	35.5	52.6	52.6	77.5	84.2	89.1	94.3	96.5	98.3	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 47642U		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88													
		LST TO UTC: - 9		MONTH: AUG HOURS: 09-11													
CEILING		VISIBILITY IN METERS															
IN FEET	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL		21.4	21.8	29.9	29.9	37.6	38.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000		25.7	26.2	36.1	36.1	46.0	46.6	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 18000		25.7	26.2	36.3	36.3	46.5	47.0	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000		25.7	26.2	36.3	36.3	46.5	47.0	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000		25.7	26.2	36.7	36.7	46.9	47.4	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 12000		26.3	26.9	37.6	37.6	48.0	48.5	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 10000		29.4	30.0	41.0	41.0	52.2	52.8	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000		30.0	30.8	42.3	42.3	53.4	54.1	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000		31.4	32.5	45.5	45.5	57.4	58.2	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000		31.7	32.8	46.0	46.0	58.2	58.9	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
CE 6000		31.7	32.8	46.0	46.0	58.2	58.9	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000		32.3	33.4	46.9	46.9	59.2	60.0	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 4500		32.5	33.7	47.1	47.1	59.5	60.2	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 4000		35.6	36.8	51.2	51.2	64.2	65.3	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500		36.1	37.3	52.5	52.5	66.3	67.5	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3000		38.9	40.1	57.4	57.4	73.2	74.4	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500		39.5	40.9	59.6	59.6	75.8	77.0	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000		40.0	41.7	61.1	61.1	78.8	80.4	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800		40.3	42.0	61.6	61.6	79.9	81.5	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500		40.5	42.3	62.5	62.5	82.4	84.2	86.0	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200		40.9	42.6	63.2	63.2	84.3	86.2	88.2	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000		41.1	42.9	63.9	63.9	85.9	88.4	90.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 900		41.1	42.9	64.2	64.2	86.3	88.9	91.1	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 800		41.1	42.9	64.3	64.3	87.0	90.0	92.9	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 700		41.1	42.9	64.3	64.3	87.1	90.2	93.4	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 600		41.1	42.9	64.3	64.3	87.6	90.8	94.5	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500		41.1	42.9	64.3	64.3	88.6	91.9	95.8	97.7	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 400		41.1	42.9	64.3	64.3	88.7	92.5	96.3	98.5	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		41.1	42.9	64.3	64.3	88.8	92.6	96.5	98.6	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		41.1	42.9	64.3	64.3	88.8	92.6	96.5	98.6	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		41.1	42.9	64.3	64.3	88.8	92.6	96.5	98.6	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		41.1	42.9	64.3	64.3	88.8	92.6	96.5	98.6	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: 12-14

CEILING	VISIBILITY IN METERS																
	IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.4	27.6	37.4	37.4	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 20000	33.0	33.7	45.7	45.7	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	33.1	33.8	45.8	45.8	49.5	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 16000	33.1	33.8	45.8	45.8	49.5	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	33.1	33.8	45.8	45.8	49.5	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 12000	34.2	35.1	47.7	47.2	50.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	37.1	38.1	51.3	51.3	55.7	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	38.0	38.9	52.6	52.6	57.2	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	39.2	40.6	54.7	54.7	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	39.4	40.8	54.9	54.9	60.3	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	39.5	40.9	55.1	55.1	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	39.7	41.2	55.8	55.8	61.3	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500	40.3	41.8	56.9	56.9	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	43.4	45.3	62.0	62.0	68.8	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3500	44.7	46.6	64.1	64.1	71.3	71.9	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000	48.9	50.8	71.9	71.9	81.8	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	49.7	51.7	73.5	73.5	84.1	84.8	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2000	49.9	51.9	74.4	74.4	86.5	87.8	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	50.0	52.0	74.5	74.5	86.6	88.0	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	50.3	52.4	75.5	75.5	89.2	90.9	91.9	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	50.4	52.5	75.8	75.8	90.3	92.2	93.3	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	50.4	52.7	76.2	76.2	91.0	93.1	94.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	50.4	52.8	76.7	76.7	91.7	93.9	95.3	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	50.4	52.8	76.8	76.8	92.0	94.3	95.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	50.4	52.8	76.8	76.8	92.4	94.7	96.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	50.4	52.8	76.8	76.8	92.8	95.2	96.9	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	50.4	52.8	76.8	76.8	93.1	95.5	97.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	50.4	52.8	76.8	76.8	93.7	96.0	97.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	50.4	52.8	76.8	76.8	93.7	96.0	97.8	98.8	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.4	52.8	76.8	76.8	93.7	96.0	97.8	98.8	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.4	52.8	76.8	76.8	93.7	96.0	97.8	98.8	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.4	52.8	76.8	76.8	93.7	96.0	97.8	98.8	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.2	30.9	35.4	35.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	36.7	37.8	44.3	44.3	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 18000	36.8	38.0	44.4	44.4	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 16000	36.8	8.0	44.4	44.4	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	36.9	38.1	44.6	44.6	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	38.2	39.4	46.1	46.1	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 10000	41.8	43.1	50.3	50.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 9000	42.8	44.2	51.7	51.7	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 8000	44.6	46.1	54.4	54.4	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	45.3	46.8	55.2	55.2	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000	45.3	46.8	55.2	55.2	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000	46.1	47.7	56.8	56.8	59.8	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500	47.0	48.6	57.8	57.8	61.8	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4000	50.8	52.6	63.7	63.7	69.4	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	52.5	54.3	66.6	66.6	72.7	73.5	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	55.1	57.3	73.4	73.4	82.7	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	55.4	57.8	74.7	74.7	84.5	85.5	85.8	85.9	85.9	86.0	86.1	86.2	86.2	86.2	86.3	86.3
GE 2900	55.5	58.0	76.5	76.5	87.6	88.9	89.5	89.9	89.9	90.0	90.1	90.2	90.2	90.2	90.3	90.3
GE 1800	55.5	58.0	76.5	76.5	87.6	89.0	89.6	90.1	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.5
GE 1500	56.0	58.5	77.4	77.4	90.0	91.7	92.5	93.2	93.2	93.3	93.4	93.5	93.5	93.5	93.7	93.7
GE 1200	56.1	58.7	78.0	78.0	90.9	92.8	93.9	94.6	94.6	94.7	94.8	94.9	94.9	94.9	95.1	95.1
GE 1000	56.1	58.8	78.5	78.5	91.7	93.9	95.1	96.1	96.2	96.6	96.7	96.9	96.9	96.9	97.0	97.0
GE 900	56.1	58.8	78.6	78.6	92.0	94.3	95.5	96.6	96.7	97.0	97.2	97.4	97.4	97.4	97.5	97.5
GE 800	56.1	58.8	78.6	78.6	92.3	94.6	95.8	96.9	97.0	97.3	97.5	97.7	97.7	97.7	97.8	97.8
GE 700	56.2	58.9	78.7	78.7	92.8	95.3	96.5	97.5	97.6	98.0	98.2	98.4	98.4	98.4	98.5	98.5
GE 600	56.2	58.9	78.7	78.7	93.1	95.6	96.9	98.0	98.1	98.4	98.6	98.8	98.8	98.8	98.9	98.9
GE 500	56.2	58.9	78.7	78.7	93.2	95.7	97.1	98.3	98.4	98.9	99.1	99.4	99.4	99.4	99.5	99.5
GE 400	56.2	58.9	78.7	78.7	93.2	95.7	97.1	98.3	98.6	99.1	99.4	99.6	99.6	99.6	99.7	99.7
GE 300	56.2	58.9	78.7	78.7	93.2	95.7	97.2	98.4	98.8	99.4	99.6	99.9	99.9	99.9	100.0	100.0
GE 200	56.2	58.9	78.7	78.7	93.2	95.7	97.2	98.4	98.8	99.4	99.6	99.9	99.9	99.9	100.0	100.0
GE 100	56.2	58.9	78.7	78.7	93.2	95.7	97.2	98.4	98.8	99.4	99.6	99.9	99.9	99.9	100.0	100.0
GE 000	56.2	58.9	78.7	78.7	93.2	95.7	97.2	98.4	98.8	99.4	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.4	31.1	35.6	35.6	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 20000	38.6	39.8	46.0	46.0	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	38.9	40.1	46.6	46.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 16000	38.9	40.1	46.6	46.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	39.1	40.3	47.0	47.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	40.2	41.4	48.1	48.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	42.2	43.3	50.3	50.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	43.0	44.2	51.3	51.3	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	44.8	46.0	54.2	54.2	58.9	59.4	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	45.5	46.7	54.8	54.8	59.7	60.1	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	45.5	46.7	54.8	54.8	59.7	60.1	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 5000	46.0	47.3	55.9	55.9	61.0	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500	47.4	48.7	58.1	58.1	63.4	63.9	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	50.0	51.4	62.7	62.7	68.7	69.6	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	51.4	52.8	64.4	64.4	71.0	71.8	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	53.4	55.3	68.9	68.9	77.3	78.3	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	54.3	56.1	70.9	70.9	80.8	81.9	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	54.7	56.8	72.7	72.7	84.2	85.7	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	54.7	56.8	72.7	72.7	84.2	85.9	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	55.3	57.3	73.7	73.7	85.6	87.7	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	55.6	57.6	74.3	74.3	86.7	88.9	91.3	91.8	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7
GE 1000	56.0	58.2	75.1	75.1	87.7	90.0	93.3	94.1	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4
GE 900	56.0	58.2	75.2	75.2	88.1	90.3	93.7	94.5	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8
GE 800	56.0	58.2	75.5	75.5	88.8	91.1	94.6	95.6	96.2	96.8	96.9	97.0	97.0	97.0	97.0	97.0
GE 700	56.1	58.3	75.7	75.7	89.2	91.5	95.1	96.0	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4
GE 600	56.2	58.4	75.9	75.9	89.6	92.0	95.7	96.7	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4
GE 500	56.2	58.4	75.9	75.9	89.9	92.5	96.5	97.6	98.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9
GE 400	56.2	58.4	75.9	75.9	89.9	92.5	96.6	97.7	98.6	99.5	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	56.2	58.4	75.9	75.9	89.9	92.5	96.6	97.7	98.6	99.5	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	56.2	58.4	75.9	75.9	89.9	92.5	96.6	97.7	98.6	99.5	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	56.2	58.4	75.9	75.9	89.9	92.5	96.6	97.7	98.6	99.5	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	56.2	58.4	75.9	75.9	89.9	92.5	96.6	97.7	98.6	99.5	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
DALETAU, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88																									
				LST TO UTC: + 9				MONTH: AUG HOURS: 21-23																									
CEILING																VISIBILITY IN METERS																	
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.6	28.5	32.7	32.7	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7			
GE 20000	33.4	34.6	40.1	40.1	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5			
GE 18000	34.0	35.2	40.6	40.6	43.9	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3		
GE 16000	34.1	35.4	40.9	40.9	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5		
GE 14000	34.4	35.8	41.4	41.4	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3		
GE 12000	36.1	37.5	43.1	43.1	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2		
GE 10000	38.0	39.5	45.3	45.3	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7		
GE 9000	38.4	39.9	46.0	46.0	50.3	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9		
GE 8000	40.0	41.5	48.2	48.2	52.9	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7		
GE 7000	40.2	41.7	48.6	48.6	53.3	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1		
GE 6000	40.4	42.0	48.9	48.9	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 5000	41.9	43.8	50.9	50.9	55.6	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3		
GE 4500	43.1	44.9	52.4	52.4	57.3	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1		
GE 4000	45.4	47.3	55.6	55.6	61.5	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9		
GE 3500	46.6	48.5	57.0	57.0	63.1	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7		
GE 3000	50.1	52.3	61.7	61.7	69.1	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2		
GE 2500	51.3	53.4	63.8	63.8	71.9	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1		
GE 2000	52.3	54.6	66.5	66.5	75.7	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1		
GE 1800	52.3	54.6	66.5	66.5	66.5	75.8	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2		
GE 1500	54.8	57.2	69.9	69.9	80.5	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0		
GE 1200	55.5	57.8	71.3	71.3	82.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5		
GE 1000	57.5	60.0	74.2	74.2	87.4	89.7	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4		
GE 900	58.0	60.4	75.3	75.3	88.8	91.1	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8		
GE 800	58.4	60.9	75.9	75.9	90.5	93.1	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8		
GE 700	58.4	60.9	75.9	75.9	90.9	93.5	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7		
GE 600	58.4	61.0	76.0	76.0	91.1	94.0	95.6	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 500	58.4	61.0	76.1	76.1	91.6	94.9	96.8	98.0	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 400	58.4	61.0	76.1	76.1	91.6	94.9	97.0	98.3	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		
GE 300	58.4	61.0	76.2	76.2	91.8	95.2	97.2	98.5	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 200	58.4	61.0	76.2	76.2	91.8	95.2	97.2	98.5	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
GE 100	58.4	61.0	76.2	76.2	91.8	95.2	97.2	98.5	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
GE 000	58.4	61.0	76.2	76.2	91.8	95.2	97.2	98.5	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TOTAL NUMBER OF OBSERVATIONS 950

OPERATING LOCATION "A"
USAFA TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	25.5	26.0	32.0	32.0	36.3	36.8	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 20000	30.2	31.1	38.5	38.5	44.0	44.5	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000	30.4	31.2	38.7	38.7	44.4	44.9	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	30.4	31.2	38.8	38.8	44.4	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	30.5	31.4	39.0	39.0	44.7	45.3	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 12000	31.4	32.4	40.2	40.2	46.1	46.7	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 10000	33.8	34.8	43.1	43.1	49.6	50.2	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 9000	34.3	35.4	44.0	44.0	50.6	51.3	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 8000	35.9	37.1	46.4	46.4	53.6	54.4	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	36.3	37.5	46.9	46.9	54.2	55.0	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	36.3	37.6	46.9	46.9	54.3	55.1	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	37.0	38.3	48.1	48.1	55.6	56.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500	37.6	39.0	48.9	48.9	56.7	57.6	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 4000	40.4	41.9	53.2	53.2	61.9	63.2	63.9	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 3500	41.6	43.1	54.8	54.8	64.0	65.5	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3000	44.3	46.0	59.8	59.8	70.8	72.4	73.5	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	45.2	46.9	61.8	61.8	73.5	75.1	76.4	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 2000	46.1	48.1	64.0	64.0	76.8	78.8	80.2	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	46.2	48.1	64.1	64.1	77.1	79.2	80.6	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	47.1	49.1	65.8	65.8	80.0	82.2	84.0	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	47.6	49.6	66.9	66.9	81.9	84.4	86.3	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	48.4	50.5	68.4	68.4	84.4	87.1	89.5	90.7	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4
GE 900	48.6	50.7	68.9	68.9	85.2	87.9	90.4	91.7	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	48.8	50.9	69.3	69.3	86.0	89.0	91.7	93.1	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	48.8	50.9	69.4	69.4	86.5	89.6	92.4	93.9	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	48.8	51.0	69.5	69.5	86.9	90.0	93.2	94.9	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	48.9	51.0	69.6	69.6	87.6	91.0	94.4	96.4	97.0	97.5	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	48.9	51.0	69.6	69.6	87.8	91.4	95.0	97.1	97.9	98.5	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	48.9	51.0	69.6	69.6	87.9	91.5	95.1	97.3	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.6
GE 200	48.9	51.0	69.6	69.6	87.9	91.5	95.1	97.3	98.2	99.0	99.6	99.6	99.7	99.8	99.8	99.8
GE 100	48.9	51.0	69.6	69.6	87.9	91.5	95.1	97.3	98.2	99.0	99.6	99.7	99.8	99.8	99.9	99.9
GE 000	48.9	51.0	69.6	69.6	87.9	91.5	95.1	97.3	98.2	99.0	99.6	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.0	17.2	20.1	20.1	21.8	22.0	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 20000	18.1	19.3	22.3	22.3	24.4	24.8	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 18000	18.2	19.4	22.4	22.4	24.6	24.9	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
CE 16000	18.2	19.4	22.6	22.6	24.7	25.0	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 14000	18.4	19.7	22.8	22.8	24.9	25.2	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 12000	19.6	20.8	23.9	23.9	26.0	26.3	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 10000	21.8	23.1	26.4	26.4	29.6	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 9000	22.9	24.2	27.7	27.7	30.8	31.1	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 8000	25.3	26.8	31.3	31.3	34.8	35.1	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 7000	26.0	27.4	32.0	32.0	35.4	35.8	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 6000	26.1	27.6	32.1	32.1	35.6	35.9	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
CE 5000	28.0	29.7	34.9	34.9	38.3	38.8	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 4500	30.3	32.0	37.4	37.4	41.0	41.4	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 4000	37.3	39.7	46.9	46.9	52.6	53.1	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 3500	39.3	42.2	50.3	50.3	57.0	57.6	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3000	41.8	45.1	54.0	54.0	62.2	63.0	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2500	43.4	47.2	57.0	57.0	66.8	68.2	69.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2000	45.3	49.1	60.0	60.0	71.1	72.8	74.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1800	45.9	49.7	60.7	60.7	72.2	74.0	75.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1500	46.9	50.7	62.6	62.6	74.4	76.4	78.2	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	47.4	51.3	64.0	64.0	76.8	79.1	81.0	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	47.9	51.9	64.9	64.9	78.2	81.1	83.7	85.3	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	47.9	51.9	65.0	65.0	78.7	81.7	84.2	86.0	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	47.9	52.1	65.6	65.6	80.1	83.2	86.2	88.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	47.9	52.1	65.7	65.7	80.9	84.2	87.4	89.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	47.9	52.1	65.7	65.7	81.0	84.4	88.1	90.0	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 500	48.0	52.3	66.2	66.2	82.1	86.4	90.8	93.2	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	48.0	52.3	66.2	66.2	82.7	87.8	92.4	95.4	97.2	97.8	97.9	97.9	97.9	97.9	97.9	98.0
GE 300	48.0	52.3	66.2	66.2	82.8	88.0	93.0	96.0	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.6
GE 200	48.0	52.3	66.2	66.2	82.8	88.0	93.1	96.2	98.4	99.3	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	48.0	52.3	66.2	66.2	82.8	88.0	93.1	96.2	98.4	99.3	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	48.0	52.3	66.2	66.2	82.8	88.0	93.1	96.2	98.4	99.3	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	15.0	16.1	19.4	19.4	21.1	21.1	21.6	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 20000	16.3	17.9	21.8	21.8	23.8	23.8	24.3	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 18000	16.3	17.9	21.8	21.8	23.9	23.9	24.4	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 16000	16.3	17.9	21.8	21.8	23.9	23.9	24.4	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 14000	16.3	17.9	21.8	21.8	23.9	23.9	24.4	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 12000	16.8	18.3	22.2	22.2	24.6	24.6	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 10000	19.0	20.7	25.0	25.0	28.0	28.0	28.6	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 9000	20.8	22.4	26.8	26.8	29.8	29.8	30.3	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 8000	24.2	26.1	30.9	30.9	34.1	34.2	34.8	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 7000	25.1	27.0	31.9	31.9	35.1	35.2	35.8	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 6000	25.1	27.0	31.9	31.9	35.1	35.2	35.8	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 5000	26.4	28.4	33.3	33.3	36.7	36.8	37.3	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 4500	28.2	30.3	35.8	35.8	39.1	39.2	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 4000	33.3	37.1	43.9	43.9	49.3	50.0	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 3500	36.2	40.1	47.3	47.3	54.2	55.1	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 3000	40.1	44.3	52.3	52.3	60.8	61.9	62.9	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 2500	41.2	45.7	54.4	54.4	64.3	65.7	67.0	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 2000	42.4	47.0	56.8	56.8	68.7	70.3	71.7	72.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1800	43.2	48.0	57.9	57.9	70.0	71.7	73.0	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1500	44.2	49.0	59.8	59.8	72.8	74.7	76.2	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	44.6	49.3	60.2	60.2	74.4	76.9	78.8	79.6	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000	44.9	49.8	61.0	61.0	76.2	78.7	81.1	82.0	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 900	45.0	49.9	61.3	61.3	76.6	79.3	81.9	82.8	83.1	83.6	83.8	83.8	83.8	83.8	83.8	83.8
GE 800	45.1	50.0	62.0	62.0	77.9	80.8	83.9	85.0	85.8	86.2	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	45.1	50.0	62.2	62.2	78.4	81.6	84.9	86.0	86.8	87.3	87.9	87.9	87.9	87.9	87.9	87.9
GE 600	45.1	50.2	62.4	62.4	79.0	82.6	86.2	87.4	88.4	89.0	89.6	89.6	89.6	89.6	89.6	89.6
GE 500	45.2	50.3	63.0	63.0	80.8	85.7	90.6	92.1	93.4	94.3	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	45.2	50.3	63.3	63.3	81.3	86.9	91.9	94.1	95.7	96.8	97.9	97.9	97.9	97.9	97.9	98.0
GE 300	45.2	50.3	63.3	63.3	81.3	87.3	92.3	94.7	96.6	97.7	99.3	99.3	99.3	99.3	99.3	99.6
GE 200	45.2	50.3	63.3	63.3	81.3	87.3	92.3	94.8	96.7	97.8	99.4	99.4	99.4	99.4	99.4	99.9
GE 100	45.2	50.3	63.3	63.3	81.3	87.3	92.3	94.8	96.7	97.8	99.4	99.4	99.4	99.4	99.4	99.6
GE 000	45.2	50.3	63.3	63.3	81.3	87.3	92.3	94.8	96.7	97.8	99.4	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN								PERIOD OF RECORD: MAR 78 - FEB 88							
		LST TO UTC: - 9								MONTH: SEP HOURS: 06-08							
CEILING		VISIBILITY IN METERS															
IN FEET	FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL		12.2	13.3	16.9	16.9	20.3	20.7	21.3	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 20000		15.0	16.3	20.4	20.4	25.1	25.7	26.3	26.9	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 18000		15.0	16.3	20.4	20.4	25.3	25.9	26.7	27.2	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 16000		15.0	16.3	20.4	20.4	25.3	25.9	26.7	27.2	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 14000		15.4	16.8	21.1	21.1	26.0	26.6	27.3	27.9	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 12000		16.3	17.7	22.1	22.1	27.3	27.9	28.7	29.2	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 10000		18.6	20.2	26.0	26.0	32.3	32.9	33.9	34.4	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 9000		19.7	21.3	27.4	27.4	34.2	35.0	36.0	36.6	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 8000		21.4	23.2	30.0	30.0	37.0	38.1	39.1	39.8	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
CE 7000		22.1	23.9	31.7	31.7	38.9	40.0	41.0	41.7	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 6000		22.3	24.1	31.9	31.9	39.2	40.3	41.3	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 5000		23.9	25.8	34.3	34.3	41.7	42.8	43.8	44.4	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4500		24.4	26.7	35.7	35.7	43.2	44.3	45.3	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 4000		27.1	30.1	41.2	41.2	51.9	53.1	54.2	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 3500		30.1	33.2	45.2	45.2	57.1	58.6	59.7	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 3000		32.6	35.8	48.4	48.4	61.1	63.0	64.2	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 2500		34.2	37.8	51.7	51.7	66.0	68.2	69.7	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2000		35.0	38.6	53.7	53.7	69.4	71.8	73.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800		35.7	39.2	54.6	54.6	70.6	73.0	74.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1500		35.8	39.3	55.4	55.4	72.8	75.6	77.2	78.6	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6
CE 1200		35.9	39.4	56.0	56.0	74.7	77.4	79.4	81.0	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 1000		35.9	39.4	56.4	56.4	76.2	79.6	81.7	83.3	84.2	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 900		35.9	39.4	56.7	56.7	76.8	80.1	82.2	83.9	84.8	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 800		36.0	39.7	57.1	57.1	77.9	81.4	83.8	86.1	87.1	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 700		36.0	39.7	57.1	57.1	78.3	82.4	85.0	87.3	88.3	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 600		36.0	39.8	57.2	57.2	78.6	83.3	86.3	88.9	89.9	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 500		36.0	39.8	57.2	57.2	79.9	84.9	89.2	92.4	93.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1
GE 400		36.0	39.8	57.3	57.3	80.6	86.1	90.8	95.1	96.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4
GE 300		36.0	39.8	57.3	57.3	80.6	86.1	90.8	95.2	96.8	98.9	99.6	99.6	99.8	99.8	99.8	99.8
GE 200		36.0	39.8	57.3	57.3	80.6	86.1	90.8	95.2	96.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		36.0	39.8	57.3	57.3	80.6	86.1	90.8	95.2	96.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 000		36.0	39.8	57.3	57.3	80.6	86.1	90.8	95.2	96.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	14.6	16.3	21.3	21.3	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 20000	16.8	18.6	24.6	24.6	28.6	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000	17.0	18.8	25.0	25.0	29.0	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 16000	17.0	18.8	25.0	25.0	29.0	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 14000	17.4	19.2	25.6	25.6	29.7	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 12000	19.2	21.1	27.8	27.8	31.9	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 10000	21.7	23.7	32.3	32.3	37.2	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 9000	23.0	25.1	34.2	34.2	39.4	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 8000	25.6	27.8	38.0	38.0	43.7	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 7000	26.6	28.8	39.0	39.0	44.7	46.2	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 6000	26.8	29.1	39.3	39.3	45.0	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 5000	28.8	31.6	42.4	42.4	48.4	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4500	29.4	32.2	43.6	43.6	50.1	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4000	33.0	36.3	49.6	49.6	57.6	60.0	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 3500	34.8	38.3	52.7	52.7	61.6	64.1	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 3000	37.9	41.6	57.9	57.9	68.3	71.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	39.3	43.1	60.8	60.8	72.2	75.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2000	39.9	43.7	62.2	62.2	74.7	77.7	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1800	40.1	43.9	62.8	62.8	75.3	78.6	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	40.3	44.3	63.7	63.7	77.9	81.3	84.1	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	40.4	44.4	64.3	64.3	80.1	83.7	86.4	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	40.4	44.6	64.6	64.6	81.3	85.7	88.8	89.7	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	40.4	44.6	64.6	64.6	81.9	86.3	89.4	90.4	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	40.4	44.6	64.6	64.6	82.2	87.0	90.4	91.8	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	40.4	44.6	64.8	64.8	82.8	87.7	91.2	92.8	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	40.4	44.6	64.9	64.9	83.4	88.6	92.6	94.3	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	40.4	44.6	64.9	64.9	83.9	89.1	93.8	95.8	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	40.4	44.6	64.9	64.9	84.8	90.0	95.0	97.1	98.7	99.3	99.6	99.6	99.6	99.6	99.	99.6
GE 300	40.4	44.6	64.9	64.9	84.8	90.0	95.0	97.1	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.4	44.6	64.9	64.9	84.8	90.0	95.0	97.1	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.4	44.6	64.9	64.9	84.8	90.0	95.0	97.1	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	40.4	44.6	64.9	64.9	84.8	90.0	95.0	97.1	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: SEP HOURS: 12-14											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		18.2	20.0	23.4	23.4	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	
GE 20000		22.8	24.7	29.2	29.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 18000		23.3	25.2	29.8	29.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	
GE 16000		23.6	25.4	30.0	30.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 14000		24.2	26.1	30.7	30.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	
GE 12000		26.1	28.0	33.6	33.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
GE 10000		28.7	30.8	38.0	38.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 9000		30.1	32.2	40.0	40.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	
GE 8000		34.7	36.9	45.8	45.8	48.9	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
GE 7000		35.3	37.6	46.6	46.6	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 6000		35.9	38.1	47.3	47.3	50.4	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
GE 5000		37.0	39.6	49.4	49.4	52.9	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 4500		38.1	40.7	50.8	50.8	54.3	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 4000		42.4	45.3	56.8	56.8	62.6	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
GE 3500		43.6	46.4	59.1	59.1	66.7	67.2	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 3000		47.3	50.3	65.6	65.6	75.1	75.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 2500		47.8	50.8	67.2	67.2	77.2	77.8	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 2000		48.7	51.7	69.0	69.0	80.9	81.6	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 1800		48.8	51.8	69.1	69.1	81.3	82.0	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
GE 1500		49.4	52.6	71.0	71.0	85.2	86.2	87.6	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 1200		49.6	52.8	71.6	71.6	87.0	88.2	89.8	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 1000		49.6	52.8	71.6	71.6	88.1	89.4	91.3	92.2	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 900		49.6	52.8	71.7	71.7	88.3	89.7	91.6	92.4	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 800		49.6	52.8	71.9	71.9	89.0	90.3	92.3	93.6	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
CE 700		49.6	52.8	71.9	71.9	89.4	91.1	93.2	94.6	95.2	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	
GE 600		49.6	52.8	71.9	71.9	89.4	91.1	93.4	95.0	95.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	
GE 500		49.7	52.9	72.0	72.0	90.7	92.4	95.3	97.1	98.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	
GE 400		49.7	52.9	72.0	72.0	90.8	92.7	95.6	97.3	98.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	
GE 300		49.7	52.9	72.0	72.0	90.8	92.7	95.6	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 200		49.7	52.9	72.0	72.0	90.8	92.7	95.6	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 100		49.7	52.9	72.0	72.0	90.8	92.7	95.6	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 000		49.7	52.9	72.0	72.0	90.8	92.7	95.6	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	15.0	16.4	18.4	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000	19.3	21.2	25.3	25.3	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 18000	19.8	21.9	26.1	26.1	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 16000	19.8	21.9	26.1	26.1	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 14000	20.2	22.3	26.7	26.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 12000	22.4	24.7	29.4	29.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 10000	25.8	28.1	33.6	33.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 9000	26.4	28.8	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 8000	30.7	33.1	40.6	40.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000	31.8	34.2	41.9	41.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 6000	32.4	34.9	42.8	42.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 5000	35.0	37.7	45.8	45.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4500	36.8	39.4	48.2	48.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 4000	42.1	45.7	56.7	56.7	64.6	64.8	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3500	43.7	47.3	59.6	59.6	69.2	69.6	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	47.2	51.0	65.6	65.6	76.7	77.1	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	47.9	51.8	67.7	67.7	78.9	79.7	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	48.3	52.2	68.3	68.3	82.2	83.2	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	48.4	52.3	68.4	68.4	82.4	83.6	85.0	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	48.6	52.7	68.9	68.9	84.1	85.6	87.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	48.6	52.8	69.1	69.1	84.8	86.3	88.2	89.6	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	48.6	52.8	69.1	69.1	85.4	87.3	89.4	91.2	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	48.6	52.8	69.1	69.1	85.4	87.3	89.4	91.3	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	48.6	52.8	69.1	69.1	86.1	88.0	90.3	92.2	92.8	93.6	97	93.7	93.7	93.7	93.7	93.7
GE 700	48.6	52.8	69.1	69.1	86.2	88.2	90.6	92.6	93.6	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	48.6	52.8	69.2	69.2	86.4	88.6	90.9	93.3	94.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0
GE 500	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.3	97.0	98.3	99.1	99.2	99.2	99.2	99.2	99.2
GE 400	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.7	97.3	98.7	99.4	99.6	99.6	99.6	99.6	99.6
GE 300	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.7	97.3	98.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.7	97.3	98.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.7	97.3	98.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	48.6	52.8	69.2	69.2	87.2	89.7	92.3	95.7	97.3	98.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN						PERIOD OF RECORD: MAR 78 - FEB 88									
		LST TO UTC: - 9						MONTH: SEP HOURS: 18-20									
CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL		15.4	15.8	17.4	17.4	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 20000		18.2	19.6	22.7	22.7	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 18000		18.3	19.7	22.9	22.9	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000		18.3	19.7	22.9	22.9	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 14000		18.4	19.9	23.1	23.1	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000		19.8	21.2	24.4	24.4	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 10000		22.4	24.1	28.0	28.0	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 9000		22.8	24.4	28.6	28.6	32.3	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 8000		26.7	28.3	33.4	33.4	37.6	37.7	38.3	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
CE 7000		27.1	28.9	34.3	34.3	38.8	38.9	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 6000		27.1	28.9	34.3	34.3	38.9	39.0	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 5000		30.3	32.2	38.8	38.8	43.7	43.8	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4500		32.3	34.2	41.3	41.3	46.3	46.7	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 4000		37.9	40.7	49.7	49.7	58.6	59.3	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500		40.9	43.7	53.8	53.8	63.2	64.4	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000		43.4	46.4	58.1	58.1	69.2	70.8	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 2500		44.0	47.0	59.7	59.7	73.0	74.9	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
CE 2000		44.8	47.9	61.0	61.0	75.2	77.8	79.6	80.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800		44.8	47.9	61.1	61.1	75.4	78.0	79.8	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500		45.0	48.2	62.0	62.0	77.6	80.7	83.0	84.0	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200		45.3	48.6	62.3	62.3	79.0	82.2	84.8	86.4	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000		45.3	48.6	62.6	62.6	79.6	83.2	86.3	88.6	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 900		45.3	48.6	62.6	62.6	79.6	83.2	86.4	88.8	90.1	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 800		45.3	48.6	62.7	62.7	79.9	83.8	87.1	89.6	90.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 700		45.3	48.6	62.7	62.7	79.9	83.9	87.7	90.4	91.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 600		45.3	48.6	62.7	62.7	79.9	84.1	88.2	91.3	92.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 500		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.2	96.0	97.3	97.9	97.9	98.2	98.2	98.2	98.2
GE 400		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.8	96.7	98.2	98.8	98.9	99.3	99.3	99.3	99.3
GE 300		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.9	96.8	98.3	99.0	99.1	99.6	99.6	99.6	99.6
GE 200		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.9	96.8	98.3	99.0	99.1	99.8	99.8	99.9	99.9
GE 100		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.9	96.8	98.3	99.0	99.1	99.8	99.8	100.0	100.0
GE 000		45.3	48.6	62.7	62.7	81.3	86.0	90.4	94.9	96.8	98.3	99.0	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	14.4	14.9	17.4	17.4	18.7	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 20000	15.9	16.7	19.8	19.8	21.8	22.0	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 18000	16.9	17.7	21.0	21.0	23.0	23.2	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 16000	16.9	17.7	21.0	21.0	23.0	23.2	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 14000	17.2	18.0	21.7	21.7	23.8	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 12000	18.2	19.1	22.9	22.9	25.0	25.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 10000	20.4	21.8	26.1	26.1	29.0	29.3	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 9000	20.9	22.2	26.6	26.6	29.6	29.9	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 8000	24.9	26.4	32.0	32.0	35.7	36.2	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 7000	26.0	27.7	33.2	33.2	36.9	37.4	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 6000	26.3	28.0	33.6	33.6	37.2	37.8	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 5000	28.2	30.0	36.3	36.3	40.2	40.9	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 4500	31.0	32.8	39.2	39.2	43.4	44.1	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 4000	37.4	39.8	49.0	49.0	55.4	56.2	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	38.8	41.4	51.8	51.8	60.2	61.1	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 3000	41.3	44.6	56.1	56.1	65.9	66.8	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2500	42.1	45.7	58.3	58.3	69.8	70.9	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 2000	43.8	47.6	60.9	60.9	73.8	75.1	77.6	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1800	44.1	47.9	61.4	61.4	74.7	76.1	78.6	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	44.9	48.8	63.4	63.4	77.8	79.4	82.1	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	45.4	49.3	64.4	64.4	79.3	81.3	84.2	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	45.7	49.7	65.7	65.7	81.1	83.4	86.8	88.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	45.9	49.9	66.1	66.1	81.9	84.2	87.6	89.3	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	46.0	50.0	66.4	66.4	82.4	85.1	88.6	90.4	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	46.1	50.1	66.9	66.9	82.9	85.6	89.1	91.0	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	46.2	50.2	67.0	67.0	83.2	86.1	90.0	92.2	93.8	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	46.2	50.2	67.4	67.4	84.0	87.7	92.4	94.9	96.6	97.2	97.6	97.6	97.7	97.7	97.7	97.7
GE 400	46.2	50.2	67.4	67.4	84.1	87.9	92.9	96.1	98.0	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	46.2	50.2	67.4	67.4	84.2	88.0	93.0	96.4	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	46.2	50.2	67.4	67.4	84.2	88.0	93.0	96.4	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	46.2	50.2	67.4	67.4	84.2	88.0	93.0	96.4	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	46.2	50.2	67.4	67.4	84.2	88.0	93.0	96.4	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
UNAFILAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN LST TO UTC: - 9						PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: SEP HOURS: ALL											
CEILING		VISIBILITY IN METERS																	
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00			
NO CEIL	15.1	16.3	19.3	19.3	21.0	21.1	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 20000	17.8	19.3	23.3	23.3	25.8	26.0	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 18000	18.1	19.6	23.7	23.7	26.3	26.5	26.7	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 16000	18.1	19.6	23.7	23.7	26.3	26.5	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 14000	18.5	20.0	24.2	24.2	26.8	27.0	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 12000	19.8	21.4	25.8	25.8	28.5	28.7	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 10000	22.3	24.1	29.4	29.4	32.9	33.2	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 9000	23.3	25.1	30.8	30.8	34.6	34.9	35.2	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 8000	26.7	28.6	35.3	35.3	39.5	40.0	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
CE 7000	27.5	29.4	36.3	36.3	40.7	41.2	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 6000	27.8	29.7	36.7	36.7	41.1	41.6	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 5000	29.7	31.9	39.4	39.4	44.0	44.5	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 4500	31.3	33.5	41.5	41.5	46.3	46.9	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 4000	36.3	39.3	49.2	49.2	56.6	57.5	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 3500	38.4	41.6	52.5	52.5	61.2	62.2	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3000	41.5	44.9	57.3	57.3	67.4	68.7	69.7	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2500	42.5	46.1	59.6	59.6	71.0	72.6	73.8	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	43.5	47.2	61.5	61.5	74.5	76.3	77.9	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
CE 1800	43.9	47.6	62.0	62.0	75.3	77.1	78.8	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1500	44.4	48.2	63.3	63.3	77.8	80.0	82.0	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	44.7	48.5	64.0	64.0	79.5	81.9	84.1	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	44.8	48.7	64.5	64.5	80.8	83.6	86.1	87.6	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	44.8	48.7	64.6	64.6	81.1	84.0	86.6	88.1	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	44.9	48.8	64.9	64.9	81.9	85.0	87.8	89.6	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	44.9	48.8	65.0	65.0	82.4	85.6	88.6	90.5	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	44.9	48.9	65.1	65.1	82.6	86.1	89.5	91.6	92.7	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	44.9	48.9	65.3	65.3	83.7	87.7	91.9	94.4	95.8	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	44.9	48.9	65.4	65.4	84.1	88.4	92.7	95.7	97.3	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	44.9	48.9	65.4	65.4	84.1	88.5	92.8	95.9	97.7	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	44.9	48.9	65.4	65.4	84.1	88.5	92.8	96.0	97.7	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	44.9	48.9	65.4	65.4	84.1	88.5	92.8	96.0	97.7	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	44.9	48.9	65.4	65.4	84.1	88.5	92.8	96.0	97.7	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: MAR 78 - FEB 88

LST TO UTC: - 9

MONTH: OCT HOURS: 00-02

CEILING	VISIBILITY IN METERS															
	IN FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04
NO CEIL	29.8	31.9	35.8	35.8	37.5	38.3	38.3	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	32.7	34.9	39.6	39.6	41.9	42.9	43.0	43.4	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7
GE 18000	32.8	35.1	39.7	39.7	42.0	43.0	43.1	43.5	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 16000	32.8	35.1	39.7	39.7	42.0	43.0	43.1	43.5	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 14000	33.1	35.4	40.0	40.0	42.4	43.3	43.4	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1
GE 12000	34.1	36.6	41.5	41.5	44.0	45.1	45.2	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	36.1	39.2	45.8	45.8	48.4	49.6	49.7	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	36.8	39.9	46.9	46.9	49.5	50.6	50.8	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 8000	39.8	43.2	50.4	50.4	53.7	54.9	55.1	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	41.0	44.4	51.7	51.7	55.3	56.6	56.7	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	41.5	44.9	52.3	52.3	55.8	57.1	57.2	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	44.6	48.1	55.4	55.4	59.1	60.5	60.6	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 4500	46.0	49.5	56.8	56.8	60.5	62.3	62.4	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000	53.8	58.1	66.8	66.8	71.5	73.8	74.1	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	55.3	59.6	68.4	68.4	73.5	76.0	76.3	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	57.6	61.9	1.3	71.3	77.1	79.8	80.1	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	58.6	63.0	73.3	73.3	80.2	83.0	83.8	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	59.1	63.5	74.3	74.3	81.7	84.5	85.6	87.0	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	59.7	64.1	74.8	74.8	82.5	85.5	86.6	88.0	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	60.1	64.5	75.5	75.	84.1	87.1	88.3	89.9	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	60.4	64.8	76.0	76.0	84.9	88.1	89.6	91.2	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	60.6	65.1	76.5	76.5	85.7	88.8	90.3	92.4	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	60.6	65.1	76.5	76.5	85.9	89.0	90.5	92.7	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	60.6	65.1	76.5	76.5	86.5	89.9	91.5	93.9	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GF 700	60.6	65.1	76.5	76.5	86.6	90.0	91.6	94.1	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	60.6	65.1	76.6	76.6	87.3	91.2	93.0	95.7	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	60.8	65.2	76.9	76.9	87.8	91.9	94.1	97.1	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	60.8	65.3	77.0	77.0	88.4	92.6	94.8	98.0	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	60.8	65.3	77.1	77.1	88.5	92.7	95.1	98.2	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.4
GE 200	60.8	65.3	77.1	77.1	88.5	92.7	95.1	98.2	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 100	60.8	65.3	77.1	77.1	88.5	92.7	95.1	98.2	98.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0
GE 000	60.8	65.3	77.1	77.1	88.5	92.7	95.1	98.2	98.4	99.4	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88																
LST TO UTC: - 9				MONTH: OCT HOURS: 03-05																
CEILING		VISIBILITY IN METERS																		
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00				
NO CEIL	31.9	34.6	38.1	38.1	40.0	40.3	40.6	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	34.9	37.7	41.9	41.9	44.4	44.8	45.2	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 18000	35.4	38.2	42.4	42.4	44.8	45.3	45.6	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	35.4	38.2	42.4	42.4	44.8	45.3	45.6	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 14000	35.8	38.7	42.9	42.9	45.4	45.8	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000	37.0	40.1	44.6	44.6	47.6	48.1	48.4	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	40.4	43.9	49.4	49.4	52.6	53.0	53.3	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	41.1	44.5	50.1	50.1	53.3	53.8	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	44.8	48.5	54.2	54.2	58.1	58.7	59.0	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	45.9	49.6	55.3	55.3	59.1	59.9	60.3	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	46.5	50.2	55.9	55.9	59.8	60.5	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	48.1	51.9	57.7	57.7	61.9	62.7	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	48.6	52.5	58.7	58.7	62.9	63.7	64.1	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4000	54.8	59.2	66.6	66.6	71.2	72.5	73.0	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	57.3	61.8	70.1	70.1	75.2	76.5	77.0	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	59.4	64.1	72.6	72.6	78.4	79.7	80.3	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	60.4	65.3	74.5	74.5	81.1	82.5	83.2	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	61.0	65.8	75.2	75.2	82.4	83.8	84.6	85.4	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	61.2	66.0	75.4	75.4	82.9	84.3	85.2	85.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	61.7	66.6	76.3	76.3	84.6	86.5	87.5	88.4	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	61.8	66.7	76.5	76.5	85.6	87.8	88.9	89.9	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	62.4	67.2	77.4	77.4	86.6	89.0	90.6	91.9	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
CE 900	62.7	67.5	77.8	77.8	87.0	89.5	91.1	92.4	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	62.7	67.5	77.8	77.8	87.4	89.9	91.9	93.2	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	62.7	67.5	77.8	77.8	87.8	90.4	92.6	93.9	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	62.8	67.6	78.3	78.3	88.4	91.3	93.7	94.9	96.0	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	62.8	67.6	78.4	78.4	88.7	91.7	94.5	95.8	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	62.8	67.6	78.5	78.5	88.9	92.0	95.3	96.6	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	62.8	67.6	78.6	78.6	89.0	92.2	95.6	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	62.8	67.6	78.6	78.6	89.0	92.2	95.6	97.0	98.1	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 100	62.8	67.6	78.6	78.6	89.0	92.2	95.6	97.0	98.1	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
GE 000	62.8	67.6	78.6	78.6	89.0	92.2	95.6	97.0	98.1	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS																	
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL	28.5	30.5	35.8	35.8	36.9	36.9	37.0	37.4	37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	
GE 20000	31.9	34.0	41.0	41.0	43.1	43.2	43.4	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	
GE 18000	31.9	34.0	41.0	41.0	43.1	43.2	43.4	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	
GE 16000	31.9	34.0	41.0	41.0	43.1	43.2	43.4	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	
GE 14000	32.8	34.9	42.0	42.0	44.2	44.3	44.5	44.9	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	
GE 12000	34.2	36.5	43.7	43.7	46.0	46.1	46.5	46.9	47.1	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	
GE 10000	35.7	38.1	45.7	45.7	48.5	48.7	49.4	49.8	50.0	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	
GE 9000	36.1	38.5	46.6	46.6	50.0	50.2	51.0	51.4	51.6	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	
GE 8000	38.6	41.0	50.3	50.3	54.2	54.7	55.7	56.5	56.7	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	
GE 7000	39.4	41.8	51.9	51.9	56.0	56.6	57.5	58.4	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	
GE 6000	39.7	42.2	52.4	52.4	56.5	57.0	58.1	58.8	59.0	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	
GE 5000	41.2	43.7	54.3	54.3	58.9	59.5	60.5	61.4	61.6	61.9	62.0	62.0	62.2	62.2	62.2	62.2	62.2	
GE 4500	42.5	45.1	55.9	55.9	60.8	61.3	62.4	63.2	63.4	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	
GE 4000	47.6	50.5	62.5	62.5	69.1	69.7	70.8	71.7	71.9	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	
GE 3500	50.0	53.2	65.7	65.7	72.8	73.7	74.7	75.8	76.1	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	
GE 3000	52.3	55.7	69.9	69.9	77.3	78.4	79.6	80.8	81.1	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	
GE 2500	53.1	56.6	71.1	71.1	79.2	80.4	81.6	83.2	83.9	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	
GE 2000	53.8	57.2	72.4	72.4	81.7	83.1	84.4	86.2	87.0	87.8	88.3	88.5	88.6	88.6	88.6	88.6	88.6	
GE 1800	53.8	57.2	72.4	72.4	81.9	83.3	84.6	86.5	87.2	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	
GE 1500	54.2	57.6	73.0	73.0	83.1	84.8	86.1	88.1	89.0	89.9	90.4	90.6	90.8	90.8	90.8	90.8	90.8	
GE 1200	54.5	58.0	73.4	73.4	84.1	85.8	87.1	89.1	90.1	91.1	91.6	91.8	91.9	91.9	91.9	91.9	91.9	
GE 1000	54.5	58.0	73.7	73.7	84.5	86.2	87.7	90.1	91.3	92.4	92.9	93.1	93.2	93.2	93.2	93.2	93.2	
GE 900	54.5	58.0	73.7	73.7	84.5	86.2	87.8	90.3	91.6	92.7	93.3	93.5	93.7	93.7	93.7	93.7	93.7	
GE 800	54.5	58.0	73.9	73.9	85.2	86.9	88.5	91.0	92.4	93.4	94.1	94.3	94.4	94.4	94.4	94.4	94.4	
GE 700	54.5	58.0	73.9	73.9	85.4	87.2	89.0	91.5	92.9	94.0	94.6	94.8	94.9	94.9	94.9	94.9	94.9	
GE 600	54.5	58.0	74.0	74.0	86.2	88.2	90.0	92.7	94.2	95.3	96.1	96.3	96.5	96.5	96.5	96.5	96.5	
GE 500	54.5	58.0	74.1	74.1	86.7	88.8	90.8	93.8	95.5	96.7	97.6	97.8	98.0	98.0	98.0	98.0	98.0	
GE 400	54.5	58.0	74.1	74.1	86.9	89.2	91.2	94.2	96.0	97.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	
GE 300	54.5	58.0	74.1	74.1	87.0	89.4	91.3	94.5	96.3	97.8	99.2	99.5	99.7	99.7	99.7	99.7	99.7	
GE 200	54.5	58.0	74.1	74.1	87.0	89.4	91.4	94.6	96.5	98.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	
GE 100	54.5	58.0	74.1	74.1	87.0	89.4	91.4	94.6	96.5	98.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	
GE 000	54.5	58.0	74.1	74.1	87.0	89.4	91.4	94.6	96.5	98.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.5	35.9	41.6	41.6	43.5	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	37.6	40.2	48.4	48.4	51.4	51.6	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	38.2	40.8	48.9	48.9	51.9	52.2	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	38.2	40.8	48.9	48.9	51.9	52.2	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	38.6	41.2	49.6	49.6	52.6	52.8	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	39.9	42.5	51.5	51.5	55.2	55.4	55.5	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	41.2	44.0	54.1	54.1	58.7	58.9	59.0	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	41.8	44.6	55.3	55.3	60.5	60.8	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	43.4	46.3	57.4	57.4	64.0	64.5	64.7	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4
GE 7000	44.7	47.6	58.9	58.9	65.7	66.3	66.8	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	45.1	48.1	59.4	59.4	66.1	66.8	67.2	67.4	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	46.5	49.5	61.2	61.2	68.3	68.9	69.5	69.9	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	48.4	51.4	63.1	63.1	70.4	71.1	71.6	72.0	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	51.1	54.2	67.2	67.2	76.0	77.0	77.7	78.3	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	52.6	55.8	69.0	69.0	78.7	79.7	80.4	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	53.9	57.2	71.6	71.6	82.7	83.8	84.6	85.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	54.1	57.5	72.0	72.0	83.5	84.7	85.6	86.5	86.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	54.7	58.2	73.0	73.0	85.4	86.9	88.1	89.5	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	54.7	58.2	73.1	73.1	85.6	87.2	88.4	89.8	90.1	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	54.9	58.4	73.8	73.8	86.9	88.5	89.8	91.7	92.0	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	55.4	58.8	74.3	74.3	87.7	89.6	90.9	93.1	93.4	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	55.4	58.8	74.3	74.3	88.0	90.2	91.7	94.1	94.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	55.4	58.8	74.3	74.3	88.0	90.2	91.8	94.2	94.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	55.4	58.8	74.3	74.3	88.7	91.3	92.9	95.3	95.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	55.4	58.8	74.5	74.5	89.0	91.6	93.4	95.8	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	55.4	58.8	74.5	74.5	89.2	91.8	93.7	96.0	96.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	55.4	58.8	74.5	74.5	89.7	92.4	94.4	97.1	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	55.4	58.8	74.5	74.5	89.8	92.5	94.6	97.3	98.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	55.4	58.8	74.5	74.5	89.8	92.5	94.6	97.3	98.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	55.4	58.8	74.5	74.5	89.8	92.5	94.7	97.4	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.4	58.8	74.5	74.5	89.8	92.5	94.7	97.4	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	55.4	58.8	74.5	74.5	89.8	92.5	94.7	97.4	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	34.5	36.7	42.6	42.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	39.0	41.4	49.0	49.0	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	39.7	42.0	49.8	49.8	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	39.9	42.3	50.0	50.0	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	40.6	43.0	50.9	50.9	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	42.3	44.8	53.2	53.2	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	44.8	47.6	56.6	56.6	60.0	60.4	60.6	60.6	60.6	6.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	45.5	48.4	57.4	57.4	60.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	47.1	50.2	59.6	59.6	63.7	64.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	49.4	52.7	62.8	62.8	67.3	67.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	49.6	52.9	63.0	63.0	67.5	68.0	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	51.7	55.2	66.3	66.3	71.2	71.6	72.3	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	53.2	56.7	68.4	68.4	73.2	73.7	74.3	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	56.0	60.0	72.8	72.8	79.0	79.8	80.5	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	57.7	61.7	74.7	74.7	81.0	81.8	82.6	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	59.6	63.5	77.7	77.7	85.4	86.5	87.4	87.6	87.7	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 2500	59.8	63.8	78.3	78.3	85.9	87.0	88.3	88.6	88.7	89.2	89.2	89.2	89.4	89.4	89.4	89.4
GE 2000	60.2	64.2	79.1	79.1	87.0	88.1	89.5	90.0	90.1	90.9	91.0	91.0	91.1	91.1	91.1	91.1
GE 1800	60.3	64.3	79.4	79.4	87.3	88.4	89.8	90.6	90.8	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 1500	60.8	64.8	80.0	80.0	88.4	89.6	91.1	92.3	92.5	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	61.1	65.2	80.5	80.5	89.4	90.5	92.0	93.4	93.7	94.4	94.5	94.5	94.6	94.6	94.6	94.6
GE 1000	61.1	65.2	80.5	80.5	89.7	91.2	92.7	94.5	94.8	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 900	61.1	65.2	80.8	80.8	89.9	91.4	92.9	94.8	95.2	96.0	96.2	96.2	96.3	96.3	96.3	96.3
GE 800	61.1	65.2	80.8	80.8	90.4	92.4	94.0	96.3	96.8	97.6	97.8	97.8	98.0	98.0	98.0	98.0
GE 700	61.1	65.2	80.8	80.8	90.6	92.7	94.3	96.8	97.3	98.2	98.4	98.4	98.5	98.5	98.5	98.5
GE 600	61.1	65.2	80.8	80.8	90.9	93.1	94.7	97.2	98.0	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	61.1	65.2	80.8	80.8	91.0	93.2	94.8	97.4	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.6	31.9	36.2	36.2	38.0	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 20000	34.8	36.5	41.9	41.9	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 18000	35.2	36.8	42.5	42.5	45.2	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000	35.3	36.9	42.6	42.6	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	36.0	37.6	43.7	43.7	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 12000	36.8	38.4	44.8	44.8	47.8	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 10000	38.8	40.9	48.6	48.6	52.9	53.1	53.5	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	39.7	41.9	49.8	49.8	54.2	54.4	54.8	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	42.3	44.6	53.4	53.4	58.7	58.9	59.4	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	44.4	46.8	56.1	56.1	61.7	62.0	62.5	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	44.7	47.3	56.7	56.7	62.6	62.9	63.3	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	46.8	49.7	59.9	59.9	66.7	67.0	67.5	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	49.2	52.3	63.1	63.1	69.9	70.2	70.8	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	55.1	58.4	70.5	70.5	79.1	79.8	80.6	81.4	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	56.2	59.8	72.8	72.8	81.8	82.8	83.9	84.6	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	57.8	61.4	74.8	74.8	84.9	85.9	87.1	88.1	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	58.2	61.7	75.4	75.4	85.6	86.7	88.1	89.5	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	58.3	61.8	75.7	75.7	86.1	87.2	88.8	90.8	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	58.3	61.8	75.7	75.7	86.2	87.3	88.9	91.1	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	58.3	61.8	76.0	76.0	86.8	88.0	89.6	91.8	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	58.4	61.9	76.5	76.5	87.3	88.7	90.3	92.6	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	58.4	61.9	76.5	76.5	87.5	89.0	90.8	93.1	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	58.4	61.9	76.6	76.6	87.6	89.1	90.9	93.2	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	58.6	62.2	76.8	76.8	88.0	89.8	91.5	94.1	95.9	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	58.6	62.2	76.8	76.8	88.3	90.1	91.9	94.5	96.3	97.1	97.3	97.3	97.4	97.4	97.4	97.4
GE 600	58.6	62.2	76.8	76.8	88.4	90.3	92.2	94.8	96.7	97.6	98.2	98.3	98.3	98.3	98.3	98.3
GE 500	58.6	62.2	76.8	76.8	88.5	90.4	92.5	95.5	97.5	98.6	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	58.6	62.2	76.8	76.8	88.5	90.4	92.5	95.5	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	58.6	62.2	76.8	76.8	88.6	90.5	92.6	95.8	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	58.6	62.2	76.8	76.8	88.6	90.5	92.6	95.8	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	58.6	62.2	76.8	76.8	88.6	90.5	92.6	95.8	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	58.6	62.2	76.8	76.8	88.6	90.5	92.6	95.8	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.3	28.4	32.6	32.6	37.2	37.5	37.7	37.7	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 20000	28.5	30.0	34.9	34.9	41.5	41.8	42.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 18000	28.7	30.2	35.4	35.4	41.9	42.3	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	28.7	30.2	35.5	35.5	42.0	42.4	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 14000	29.2	30.8	36.2	36.2	42.9	43.3	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	30.4	31.9	38.0	38.0	44.6	45.1	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 10000	32.4	34.0	40.9	40.9	49.1	49.6	50.2	50.3	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8
GE 9000	32.9	34.5	41.4	41.4	49.9	50.4	51.1	51.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000	35.7	37.3	44.3	44.3	53.9	54.5	55.3	55.4	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	36.3	38.0	45.3	45.3	54.9	55.6	56.3	56.5	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	36.8	38.7	46.1	46.1	55.8	56.5	57.2	57.3	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	40.2	42.6	50.3	50.3	60.9	61.6	62.4	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 4500	43.0	45.4	53.4	53.4	64.0	64.7	65.5	65.6	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	47.3	49.9	60.0	60.0	73.0	74.1	75.3	75.9	76.2	76.6	76.8	76.9	76.9	76.9	76.9	76.9
GE 3500	48.7	51.3	62.2	62.2	75.8	77.0	78.3	79.1	79.5	79.8	80.0	80.1	80.1	80.1	80.1	80.1
GE 3000	51.3	53.9	65.7	65.7	80.6	82.2	83.5	84.4	84.7	85.1	85.5	85.6	85.6	85.6	85.6	85.6
GE 2500	52.0	54.6	66.9	66.9	82.5	84.0	85.4	86.7	87.2	87.5	88.0	88.1	88.1	88.1	88.1	88.1
GE 2000	52.4	54.9	67.6	67.6	84.0	85.7	87.3	89.0	89.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4
GE 1800	52.4	54.9	67.6	67.6	84.0	85.7	87.3	89.0	89.7	90.1	90.6	90.8	90.8	90.8	90.8	90.8
GE 1500	52.5	55.1	68.0	68.0	84.5	86.3	88.5	90.5	91.4	91.8	92.4	92.5	92.5	92.5	92.5	92.5
GE 1200	52.6	55.2	68.2	68.2	85.2	87.1	89.8	92.2	93.0	93.5	94.1	94.2	94.2	94.2	94.2	94.2
GE 1000	52.8	55.4	68.5	68.5	85.9	87.8	90.6	93.0	93.9	94.4	94.9	95.1	95.1	95.1	95.1	95.1
GE 900	52.8	55.4	68.5	68.5	85.9	88.2	91.0	93.3	94.2	94.7	95.3	95.4	95.4	95.4	95.4	95.4
GE 800	52.8	55.4	68.5	68.5	85.9	88.2	91.0	93.7	94.5	95.1	95.6	95.7	95.7	95.7	95.7	95.7
GE 700	52.8	55.4	68.8	68.8	86.7	88.9	91.9	94.6	95.6	96.1	96.8	96.9	96.9	96.9	96.9	96.9
GE 600	52.8	55.4	68.8	68.8	86.9	89.2	92.4	95.2	96.1	96.7	97.5	97.6	97.6	97.6	97.6	97.6
GE 500	52.8	55.4	68.8	68.8	87.0	89.4	92.8	95.6	96.7	97.3	98.2	98.3	98.3	98.3	98.3	98.3
GE 400	52.8	55.4	68.8	68.8	87.0	89.4	92.8	96.0	97.5	98.5	99.4	99.5	99.5	99.5	99.5	99.5
GE 300	52.8	55.4	68.8	68.8	87.0	89.5	92.9	96.3	97.8	98.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 200	52.8	55.4	68.8	68.8	87.0	89.5	92.9	96.3	97.8	98.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	52.8	55.4	68.8	68.8	87.0	89.5	92.9	96.3	97.8	98.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 000	52.8	55.4	68.8	68.8	87.0	89.5	92.9	96.3	97.8	98.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.1	28.7	32.9	32.9	37.1	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	29.5	31.1	36.3	36.3	41.2	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 18000	29.8	31.4	36.7	36.7	41.5	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	29.8	31.4	36.8	36.8	41.6	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	29.9	31.6	37.1	37.1	41.9	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 12000	30.8	32.5	38.2	38.2	43.0	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 10000	33.1	35.5	42.6	42.6	48.7	49.1	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	33.5	35.9	43.4	43.4	49.7	50.1	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 8000	36.3	38.8	46.3	46.3	53.4	53.9	54.4	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000	38.0	40.4	48.1	48.1	55.6	56.0	56.6	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000	38.4	41.0	48.9	48.9	56.5	56.9	57.4	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	41.8	44.5	52.9	52.9	60.9	61.3	61.8	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	43.8	46.5	54.8	54.8	62.8	63.3	63.9	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4000	50.2	53.0	62.9	62.9	72.3	73.3	74.1	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	52.0	54.8	64.9	64.9	74.6	75.8	76.6	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	53.9	56.7	67.6	67.6	78.6	79.9	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	54.6	57.5	69.8	69.8	82.2	83.8	84.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2000	54.9	58.0	70.9	70.9	84.1	85.7	86.6	87.7	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	54.9	58.0	70.9	70.9	84.4	86.1	87.3	88.5	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2
CE 1500	55.2	58.2	71.3	71.3	85.5	87.3	88.9	90.2	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	55.4	58.4	71.5	71.5	86.0	88.0	89.7	91.2	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	55.8	58.8	72.0	72.0	86.9	88.9	90.8	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	55.8	58.8	72.0	72.0	87.1	89.2	91.1	92.7	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	55.8	58.8	72.0	72.0	88.2	90.5	92.4	94.4	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	55.8	58.8	72.0	72.0	88.4	90.9	92.8	94.9	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	55.8	58.8	72.0	72.0	88.5	91.2	93.3	96.2	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	55.8	58.8	72.0	72.0	88.8	91.7	93.9	96.8	97.4	97.8	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	55.8	58.8	72.0	72.0	89.0	92.0	94.3	97.4	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	55.8	58.8	72.0	72.0	89.0	92.0	94.6	97.7	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	55.8	58.8	72.0	72.0	89.0	92.0	94.6	97.7	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	55.8	58.8	72.0	72.0	89.0	92.0	94.6	97.7	98.4	99.0	99.6	99.7	99.7	99.7	99.7	100.0
GE 000	55.8	58.8	72.0	72.0	89.0	92.0	94.6	97.7	98.4	99.0	99.6	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 6	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.4	32.3	36.9	36.9	39.2	39.5	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	33.6	35.7	41.6	41.6	44.9	45.2	45.4	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000	34.0	36.0	42.0	42.0	45.3	45.6	45.8	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2
GE 16000	34.0	36.1	42.1	42.1	45.3	45.7	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	34.5	36.7	42.8	42.8	46.1	46.4	46.6	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0
GE 12000	35.7	37.9	4.4	44.4	48.0	48.3	48.5	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	37.8	40.4	47.9	47.9	52.4	52.8	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 9000	38.4	41.0	48.9	48.9	53.5	54.0	54.3	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 8000	41.0	43.8	52.0	52.0	57.4	58.0	58.5	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	42.4	45.2	53.8	53.8	59.5	60.1	60.6	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	42.8	45.7	54.3	54.3	60.1	60.7	61.3	61.5	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	45.1	48.1	57.3	57.3	63.5	64.1	64.7	65.1	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 4500	46.8	49.9	59.3	59.3	65.6	66.3	66.9	67.2	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	52.0	55.4	66.2	66.2	73.9	75.0	75.8	76.3	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	53.7	57.3	68.5	68.5	76.7	77.9	78.7	79.4	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1
GE 3000	55.7	59.3	71.4	71.4	80.6	82.0	82.9	83.7	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.5
GE 2500	56.4	60.0	72.7	72.7	82.5	84.0	85.1	86.1	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	56.8	60.5	73.5	73.5	84.0	85.6	86.9	88.2	88.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4
GE 1800	56.9	60.6	73.7	73.7	84.4	86.0	87.3	88.7	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	57.2	60.9	74.2	74.2	85.5	87.3	88.7	90.4	90.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	57.4	61.1	74.6	74.6	86.3	88.2	89.8	91.6	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	57.6	61.3	74.9	74.9	86.8	88.9	90.7	92.7	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.4
GE 900	57.7	61.3	75.0	75.0	87.0	89.1	90.9	93.0	93.7	94.4	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	57.7	61.4	75.1	75.1	87.5	89.9	91.7	94.0	94.8	95.5	95.8	95.9	95.9	95.9	95.9	95.9
GE 700	57.7	61.4	75.1	75.1	87.8	90.2	92.2	94.5	95.3	96.1	96.4	96.5	96.5	96.5	96.5	96.5
GE 600	57.7	61.4	75.2	75.2	88.2	90.8	92.9	95.3	96.3	97.1	97.5	97.6	97.6	97.6	97.6	97.6
GE 500	57.7	61.4	75.3	75.3	88.5	91.2	93.5	96.1	97.2	98.1	98.5	98.6	98.6	98.6	98.6	98.6
GE 400	57.7	61.4	75.3	75.3	88.7	91.4	93.8	96.5	97.7	98.6	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	57.7	61.4	75.3	75.3	88.7	91.5	93.9	96.8	97.9	98.9	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	57.7	61.4	75.3	75.3	88.7	91.5	94.0	96.8	98.0	99.0	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	57.7	61.4	75.3	75.3	88.7	91.5	94.0	96.8	98.0	99.0	99.7	99.7	99.8	99.8	99.8	99.8
GE 000	57.7	61.4	75.3	75.3	88.7	91.5	94.0	96.8	98.0	99.0	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: NOV HOURS: 00-02											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		39.9	43.8	46.7	46.7	48.9	49.3	49.8	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.6	50.6		
GE 20000		42.0	45.9	49.0	49.0	51.8	52.2	52.7	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4		
GE 18000		42.0	45.9	49.0	49.0	51.8	52.2	52.7	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4		
GE 16000		42.1	46.0	49.1	49.1	51.9	52.3	52.8	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.6	53.6		
GE 14000		42.3	46.3	49.8	49.8	52.6	53.0	53.4	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2		
GE 12000		43.1	47.1	50.8	50.8	53.7	54.1	54.6	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3		
GE 10000		46.0	50.0	54.8	54.8	58.6	59.0	59.4	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.3	
GE 9000		47.0	51.0	55.8	55.8	60.0	60.4	61.0	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	
GE 8000		48.7	52.7	58.0	58.0	62.2	63.0	63.6	64.3	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.7	
GE 7000		49.3	53.3	58.7	58.7	62.9	63.7	64.3	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.6	65.6		
GE 6000		49.9	53.9	59.2	59.2	63.4	64.2	64.9	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.1	66.1		
GE 5000		52.0	56.0	61.6	61.6	66.1	66.9	67.6	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.8	
GE 4500		53.9	58.0	63.6	63.6	68.1	69.0	69.8	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.1	
GE 4000		58.0	62.3	68.7	68.7	74.3	75.3	76.2	77.2	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.7	77.7	
GE 3500		59.7	64.0	70.4	70.4	76.6	77.7	78.7	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.1	
GE 3000		62.0	66.6	73.7	73.7	80.7	81.8	83.1	84.1	84.2	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.7	
GE 2500		63.6	68.4	76.1	76.1	84.1	85.3	87.4	88.4	88.7	88.7	88.9	88.9	89.0	89.0	89.1	89.1		
CE 2000		65.0	69.9	77.7	77.7	86.3	87.9	90.0	91.1	91.3	91.3	91.6	91.6	91.7	91.7	91.8	91.8		
GE 1800		65.2	70.2	78.0	78.0	86.7	88.3	90.4	91.6	91.8	91.8	92.0	92.0	92.1	92.1	92.2	92.2		
GE 1500		65.3	70.3	78.3	78.3	87.3	89.2	91.7	92.8	93.0	93.0	93.7	93.7	93.8	93.8	93.9	93.9		
GE 1200		65.3	70.3	78.3	78.3	87.7	89.6	92.2	93.3	93.6	93.6	94.2	94.2	94.3	94.3	94.4	94.4		
GE 1000		65.4	70.4	78.7	78.7	88.4	90.4	93.4	94.7	94.9	94.9	95.7	95.7	95.8	95.8	95.9	95.9		
GE 900		65.4	70.4	78.7	78.7	88.7	90.7	93.8	95.3	95.6	95.6	96.3	96.3	96.4	96.4	96.4	96.6		
GE 800		65.4	70.4	78.7	78.7	88.9	90.9	94.0	95.6	95.8	95.8	96.6	96.7	96.8	96.8	96.9	96.9		
GE 700		65.4	70.6	78.8	78.8	89.1	91.1	94.3	95.9	96.1	96.1	97.0	97.1	97.2	97.2	97.3	97.3		
GE 600		65.4	70.6	78.8	78.8	89.3	91.3	94.6	96.1	96.3	96.3	97.2	97.3	97.4	97.4	97.6	97.6		
GE 500		65.4	70.6	78.9	78.9	89.6	91.7	94.9	96.6	96.8	96.8	97.7	97.8	98.0	98.0	98.1	98.1		
GE 400		65.4	70.6	78.9	78.9	89.6	91.8	95.0	96.9	97.1	97.3	98.4	98.6	98.9	98.9	99.0	99.0		
GE 300		65.4	70.6	78.9	78.9	89.6	91.8	95.0	96.9	97.1	97.3	98.4	98.6	99.0	99.0	99.3	99.3		
GE 200		65.4	70.6	78.9	78.9	89.6	91.8	95.0	96.9	97.1	97.4	98.6	98.8	99.2	99.2	99.6	99.6		
GE 100		65.4	70.6	78.9	78.9	89.6	91.8	95.0	96.9	97.1	97.4	98.8	99.0	99.4	99.6	99.9	100.0		
GE 000		65.4	70.6	78.9	78.9	89.6	91.8	95.0	96.9	97.1	97.4	98.8	99.0	99.4	99.6	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 47640 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	41.4	45.7	48.7	48.7	50.6	50.8	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	43.6	47.9	51.1	51.1	53.2	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000	43.6	47.9	51.1	51.1	53.2	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	43.6	47.9	51.1	51.1	53.2	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	43.6	47.9	51.2	51.2	53.3	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	43.8	48.1	51.4	51.4	53.6	54.0	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	45.6	50.0	55.1	55.1	57.9	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	46.6	51.0	56.1	56.1	59.0	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	48.4	52.9	58.3	58.3	61.4	62.1	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	49.1	53.6	59.1	59.1	62.2	63.0	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	49.4	53.9	59.4	59.4	62.7	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	51.9	56.6	62.1	62.1	65.9	66.7	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	54.0	58.7	64.4	64.4	68.2	69.0	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	60.1	65.2	72.2	72.2	76.7	77.6	78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	61.0	66.1	73.4	73.4	78.7	79.7	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	63.3	68.6	77.1	77.1	83.1	84.2	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	65.3	70.7	79.4	79.4	86.0	87.3	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	66.0	71.4	80.6	80.6	87.4	89.0	90.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	66.2	71.7	80.8	80.8	87.8	89.3	90.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500	66.6	72.0	81.2	81.2	88.4	90.1	92.0	93.3	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	67.2	72.8	82.2	82.2	89.4	91.2	93.3	94.8	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	67.3	72.9	82.7	82.7	89.9	91.7	94.1	95.6	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	67.3	72.9	82.7	82.7	89.9	91.7	94.2	95.7	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	67.3	72.9	82.7	82.7	89.9	91.7	94.3	95.8	96.0	96.4	97.1	97.2	97.2	97.2	97.2	97.2
GE 700	67.3	72.9	82.7	82.7	90.2	92.0	94.7	96.1	96.4	96.9	97.6	97.7	97.7	97.7	97.7	97.7
GE 600	67.3	72.9	82.7	82.7	90.3	92.1	95.0	96.4	96.8	97.2	97.9	98.0	98.0	98.0	98.0	98.1
GE 500	67.4	73.0	82.8	82.8	90.4	92.2	95.1	96.8	97.1	97.6	98.2	98.3	98.3	98.3	98.3	98.4
GE 400	67.4	73.0	82.9	82.9	91.1	92.9	95.8	97.4	97.8	98.6	99.2	99.4	99.4	99.4	99.4	99.6
GE 300	67.4	73.0	82.9	82.9	91.2	93.0	95.9	97.6	97.9	98.7	99.3	99.6	99.6	99.6	99.6	99.7
GE 200	67.4	73.0	82.9	82.9	91.2	93.0	95.9	97.6	97.9	98.7	99.3	99.7	99.7	99.7	99.7	99.9
GE 100	67.4	73.0	82.9	82.9	91.2	93.0	95.9	97.6	98.0	98.8	99.4	99.8	99.8	99.8	99.8	100.0
DUU	67.4	73.0	82.9	82.9	91.2	93.0	95.9	97.6	98.0	98.8	99.4	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: NOV HOURS: 06-08											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		38.3	41.3	45.6	45.6	48.1	48.3	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
GE 20000		41.7	44.8	49.2	49.2	52.0	52.2	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	
GE 18000		41.8	44.9	49.3	49.3	52.1	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 16000		41.8	44.9	49.3	49.3	52.1	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 14000		42.1	45.2	49.8	49.8	52.8	53.0	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
GE 12000		42.8	45.9	50.7	50.7	53.9	54.1	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
CE 10000		45.0	48.1	53.9	53.9	57.7	58.0	58.2	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	
GE 9000		45.6	48.7	54.4	54.4	58.2	58.6	58.8	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
GE 8000		46.2	49.3	56.0	56.0	60.4	60.8	61.0	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 7000		46.4	49.6	56.3	56.3	60.9	61.2	61.6	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
GE 6000		46.9	50.0	56.8	56.8	61.3	61.7	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
GE 5000		49.4	52.8	59.7	59.7	64.4	65.0	65.3	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
CE 4500		52.8	56.1	63.4	63.4	68.4	69.1	69.4	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE 4000		57.8	61.6	70.1	70.1	76.4	77.2	78.0	78.4	78.4	78.7	78.7	78.9	78.9	78.9	78.9	78.9	79.0	
GE 3500		58.3	62.1	71.4	71.4	78.1	78.9	79.7	80.1	80.1	80.2	80.2	80.3	80.6	80.6	80.6	80.6	80.7	
GE 3000		60.3	64.1	74.0	74.0	81.2	82.1	83.2	83.7	83.7	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.2	
GE 2500		61.6	65.3	75.7	75.7	83.6	84.6	85.9	86.3	86.6	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.3	
GE 2000		61.9	66.0	76.6	76.6	85.3	86.8	88.3	89.1	89.3	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.1	
CE 1800		61.9	66.0	76.9	76.9	86.3	87.8	89.4	90.3	90.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.3	
GE 1500		62.0	66.1	77.1	77.1	86.9	88.7	90.6	91.9	92.2	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.6	
GE 1200		62.2	66.3	77.7	77.7	88.0	89.9	91.8	93.2	93.6	94.2	94.8	94.9	94.9	94.9	94.9	94.9	95.0	
GE 1000		62.3	66.4	78.1	78.1	88.6	90.6	92.4	94.0	94.4	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.9	
GE 900		62.3	66.4	78.1	78.1	88.6	90.6	92.6	94.1	94.6	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.1	
GE 800		62.3	66.4	78.3	78.3	88.8	90.8	92.9	94.6	95.0	95.8	96.1	96.6	96.7	96.7	96.7	96.8		
GE 700		62.3	66.4	78.3	78.3	88.8	90.8	93.2	94.9	95.3	96.2	96.6	97.0	97.1	97.1	97.1	97.4		
GE 600		62.3	66.4	78.3	78.3	89.0	91.0	93.4	95.1	95.7	96.6	97.0	97.4	97.6	97.6	97.6	97.9		
GE 500		62.3	66.4	78.3	78.3	89.0	91.0	93.7	95.8	96.3	97.2	97.7	98.1	98.2	98.2	98.2	98.6		
GE 400		62.3	66.4	78.3	78.3	89.1	91.1	94.0	96.2	96.8	97.8	98.2	98.7	98.8	98.8	98.8	99.1		
GE 300		62.3	66.4	78.3	78.3	89.2	91.2	94.1	96.3	96.9	97.9	98.3	98.8	98.9	98.9	98.9	99.2		
GE 200		62.3	66.4	78.3	78.3	89.2	91.2	94.1	96.4	97.2	98.4	98.9	99.4	99.6	99.6	99.6	99.6	100.0	
GE 100		62.3	66.4	78.3	78.3	89.2	91.2	94.1	96.4	97.2	98.4	98.9	99.4	99.6	99.6	99.6	99.6	100.0	
GE 000		62.3	66.4	78.3	78.3	89.2	91.2	94.1	96.4	97.2	98.4	98.9	99.4	99.6	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	37.8	40.9	46.1	46.1	49.0	49.1	49.4	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	41.3	44.8	50.8	50.8	53.9	54.0	54.4	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9
GE 18000	41.8	45.2	51.3	51.3	54.4	54.6	55.0	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4
GE 16000	41.8	45.2	51.3	51.3	54.4	54.6	55.0	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4
GE 14000	42.2	45.7	51.9	51.9	55.4	55.7	56.1	56.4	56.4	56.4	56.6	56.6	56.7	56.7	56.7	56.7
GE 12000	42.6	46.2	52.6	52.6	56.6	56.8	57.4	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.0
GE 10000	44.6	48.3	55.3	55.3	60.1	60.4	61.2	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8
GE 9000	45.2	49.0	56.1	56.1	60.9	61.2	62.1	62.4	62.4	62.4	62.6	62.6	62.7	62.7	62.7	62.7
GE 8000	46.3	50.1	58.2	58.2	63.9	64.7	65.9	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4
GE 7000	47.3	51.1	59.3	59.3	65.2	66.0	67.2	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.9
GE 6000	47.8	51.6	59.8	59.8	65.7	66.4	67.7	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.3
GE 5000	50.2	54.2	62.9	62.9	69.0	69.8	71.0	71.3	71.3	71.3	71.4	71.4	71.6	71.6	71.7	71.7
GE 4500	52.0	56.0	65.0	65.0	71.3	72.1	73.3	73.7	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.0
GE 4000	55.0	59.3	70.0	70.0	77.4	78.2	80.0	80.4	80.4	80.4	80.6	80.6	80.7	80.7	80.8	80.8
GE 3500	56.0	60.4	71.3	71.3	79.6	80.3	82.1	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9
GE 3000	57.1	61.6	73.2	73.2	82.2	83.1	84.9	85.3	85.3	85.3	85.4	85.4	85.6	85.6	85.7	85.7
GE 2500	57.7	62.1	74.4	74.4	84.4	85.4	87.2	87.7	87.7	87.7	87.9	87.9	88.0	88.0	88.1	88.1
GE 2000	58.0	62.7	75.0	75.0	86.1	87.2	89.2	90.0	90.0	90.1	90.3	90.3	90.4	90.4	90.6	90.6
GE 1800	58.0	62.7	75.1	75.1	86.7	87.8	90.0	91.0	91.3	91.6	91.8	91.8	91.9	91.9	92.0	92.0
GE 1500	58.2	62.9	75.6	75.6	88.4	89.7	92.0	93.4	94.1	94.4	95.0	95.0	95.1	95.2	95.3	95.3
GE 1200	58.3	63.0	75.8	75.8	88.8	90.1	92.4	94.1	95.1	95.6	96.2	96.2	96.3	96.4	96.6	96.6
GE 1000	58.3	63.0	76.0	76.0	89.1	90.4	92.8	94.8	95.8	96.3	97.1	97.1	97.2	97.3	97.4	97.4
GE 900	58.3	63.0	76.0	76.0	89.3	90.7	93.0	95.0	96.0	96.6	97.3	97.3	97.4	97.6	97.7	97.7
GE 800	58.3	63.0	76.0	76.0	89.4	90.9	93.2	95.2	96.2	96.8	97.7	97.7	97.8	97.9	98.0	98.0
GE 700	58.3	63.0	76.0	76.0	89.6	91.0	93.3	95.4	96.6	97.1	98.0	98.0	98.1	98.2	98.3	98.3
GE 600	58.3	63.0	76.0	76.0	89.9	91.3	93.7	95.9	97.0	97.6	98.4	98.4	98.6	98.7	98.8	98.8
GE 500	58.3	63.0	76.0	76.0	90.1	91.6	94.0	96.6	97.7	98.2	99.1	99.1	99.3	99.4	99.6	99.6
GE 400	58.3	63.0	76.0	76.0	90.1	91.6	94.1	96.7	97.8	98.4	99.4	99.4	99.7	99.8	99.9	99.9
GE 300	58.3	63.0	76.0	76.0	90.1	91.6	94.1	96.7	97.8	98.4	99.4	99.4	99.7	99.9	100.0	100.0
GE 200	58.3	63.0	76.0	76.0	90.1	91.6	94.1	96.7	97.8	98.4	99.4	99.4	99.7	99.9	100.0	100.0
GE 100	58.3	63.0	76.0	76.0	90.1	91.6	94.1	96.7	97.8	98.4	99.4	99.4	99.7	99.9	100.0	100.0
GE 000	58.3	63.0	76.0	76.0	90.1	91.6	94.1	96.7	97.8	98.4	99.4	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: NOV HOURS: 12-14											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		40.6	44.0	49.0	49.0	51.1	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000		44.7	48.7	54.6	54.6	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
CE 18000		45.0	49.0	54.9	54.9	57.9	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
CE 16000		45.0	49.0	54.9	54.9	57.9	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000		45.2	49.3	55.2	55.2	58.2	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
CE 12000		45.9	50.0	56.0	56.0	59.4	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000		48.1	52.2	59.3	59.3	63.2	64.3	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000		48.9	53.0	60.4	60.4	64.4	65.7	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000		50.8	55.1	63.4	63.4	69.0	70.3	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000		51.0	55.3	64.1	64.1	69.9	71.3	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000		51.1	55.4	64.3	64.3	70.1	71.6	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000		52.6	57.0	66.2	66.2	72.3	73.8	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500		53.8	58.2	67.7	67.7	73.9	75.3	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000		56.6	61.4	72.2	72.2	78.9	80.6	81.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500		57.3	62.2	74.1	74.1	81.0	82.7	83.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000		58.3	63.2	76.1	76.1	84.0	85.9	87.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500		58.6	63.6	76.8	76.8	85.1	87.0	88.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000		58.6	63.6	77.0	77.0	86.1	88.0	89.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800		58.6	63.6	77.0	77.0	86.2	88.1	89.4	91.2	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500		58.9	63.9	77.6	77.6	87.3	89.6	91.3	93.1	93.4	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		58.9	63.9	77.7	77.7	87.7	90.0	91.8	93.6	93.9	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000		59.1	64.1	77.9	77.9	87.9	90.4	92.3	94.2	94.6	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900		59.1	64.1	77.9	77.9	87.9	90.4	92.3	94.2	94.6	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800		59.1	64.1	77.9	77.9	88.6	91.2	93.1	95.2	95.7	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700		59.1	64.1	77.9	77.9	88.7	91.3	93.2	95.3	95.8	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 600		59.1	64.1	77.9	77.9	88.8	91.6	93.6	95.7	96.4	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500		59.1	64.1	77.9	77.9	88.8	91.6	93.6	95.8	96.6	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	591	64.1	77.9	77.9	88.8	91.6	93.6	95.9	96.9	97.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
UF 300		59.1	64.1	77.9	77.9	88.8	91.6	93.6	96.1	97.1	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		59.1	64.1	77.9	77.9	88.8	91.6	93.6	96.1	97.1	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		59.1	64.1	77.9	77.9	88.8	91.6	93.6	96.1	97.1	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		59.1	64.1	77.9	77.9	88.8	91.6	93.6	96.1	97.1	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 95

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 8
LST TO UTC: - 9 MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.4	35.6	41.8	41.8	45.9	46.3	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	36.3	38.8	45.8	45.8	51.7	52.1	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	36.4	38.9	45.9	45.9	51.8	52.2	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	36.4	39.0	46.0	46.0	51.9	52.3	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	36.7	39.2	46.2	46.2	52.1	52.6	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	37.3	40.0	47.7	47.7	53.7	54.1	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	39.0	41.8	50.7	50.7	58.1	58.6	59.3	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	39.7	42.4	51.7	51.7	59.7	60.1	61.2	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	41.1	43.9	54.0	54.0	62.9	63.6	64.9	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	41.8	44.6	54.8	54.8	64.0	64.9	66.2	67.1	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	42.2	45.0	55.2	55.2	64.4	65.4	66.8	67.7	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	44.2	47.0	57.4	57.4	66.8	67.9	69.3	70.2	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	46.2	49.0	60.4	60.4	69.9	71.0	72.6	73.4	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	49.4	52.8	65.4	65.4	75.9	77.1	79.1	80.3	80.9	81.2	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	50.3	53.9	66.9	66.9	78.1	79.3	81.3	82.7	83.2	83.6	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	51.1	54.8	68.6	68.6	80.8	82.0	84.0	85.7	86.2	86.6	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	51.6	55.2	69.3	69.3	82.9	84.1	86.1	88.1	88.7	89.1	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	51.6	55.2	69.6	69.6	83.6	85.3	87.8	90.0	90.7	91.2	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	51.6	55.2	69.8	69.8	84.0	85.8	88.2	90.6	91.2	91.9	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	51.7	55.3	69.9	69.9	85.1	87.0	89.4	92.2	92.9	93.6	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	51.7	55.3	69.9	69.9	85.4	87.3	90.0	92.9	93.7	94.3	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	51.7	55.3	70.0	70.0	85.7	87.8	90.4	93.4	94.3	95.1	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	51.7	55.3	70.0	70.0	85.7	87.8	90.6	93.6	94.4	95.2	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	51.7	55.3	70.0	70.0	85.9	88.2	91.0	94.4	95.3	96.2	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	51.7	55.3	70.0	70.0	85.9	88.2	91.0	94.4	95.4	96.3	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	51.7	55.3	70.0	70.0	86.0	88.3	91.2	94.7	95.8	96.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.2	96.6	97.9	99.1	99.4	99.4	99.4	99.4	99.4
GE 400	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.2	96.6	98.0	99.3	99.7	99.7	99.7	99.7	99.7
GE 300	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.3	96.7	98.1	99.4	99.9	100.0	100.0	100.0	100.0
GE 200	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.3	96.7	98.1	99.4	99.9	100.0	100.0	100.0	100.0
GE 100	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.3	96.7	98.1	99.4	99.9	100.0	100.0	100.0	100.0
GE 000	51.7	55.3	70.0	70.0	86.0	88.3	91.2	95.3	96.7	98.1	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420		STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88														
		LST TO UTC: - 9		MONTH: NOV HOURS: 18-20														
CEILING		VISIBILITY IN METERS																
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	
NO CEIL		29.9	31.6	37.8	37.8	43.7	44.1	45.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 20000		32.6	34.4	41.7	41.7	49.0	49.6	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
GE 18000		32.7	34.6	41.8	41.8	49.1	49.7	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
GE 16000		32.8	34.7	41.9	41.9	49.2	49.8	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 14000		33.1	35.0	42.2	42.2	49.7	50.2	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
GE 12000		33.3	35.2	42.4	42.4	50.3	50.9	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 10000		35.0	37.0	44.8	44.8	54.7	55.8	57.2	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	
GE 9000		35.8	37.8	45.6	45.6	55.8	57.2	58.8	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 8000		37.1	39.2	47.3	47.3	58.4	60.1	61.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE 7000		38.0	40.1	48.4	48.4	59.8	61.4	63.3	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 6000		38.3	40.4	49.0	49.0	60.4	62.1	64.0	65.2	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
GE 5000		40.7	42.8	51.9	51.9	63.4	65.2	67.1	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 4500		41.9	44.1	53.8	53.8	66.0	67.4	69.8	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE 4000		45.2	48.3	58.4	58.4	71.8	73.8	76.2	78.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 3500		46.4	49.8	60.3	60.3	74.1	76.1	78.6	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 3000		47.8	51.1	62.3	62.3	77.1	79.2	82.3	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
GE 2500		48.8	52.6	64.4	64.4	80.0	82.1	85.4	87.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 2000		49.3	53.2	65.9	65.9	81.9	84.1	87.4	89.9	90.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	
GE 1800		49.4	53.3	66.1	66.1	82.4	84.8	88.1	90.6	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	
GE 1500		49.9	53.8	66.6	66.6	83.7	86.1	87.8	92.6	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	
GE 1200		50.0	53.9	66.8	66.8	84.2	86.7	90.4	93.2	94.1	94.8	95.2	95.2	95.2	95.2	95.2	95.2	
GE 1000		50.0	53.9	66.8	66.8	84.8	87.2	91.0	94.0	94.9	95.7	96.1	96.1	96.1	96.1	96.1	96.1	
GE 900		50.0	53.9	66.8	66.8	84.8	87.3	91.3	94.3	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	
GE 800		50.0	53.9	66.9	66.9	85.0	87.6	92.2	95.2	96.2	97.0	97.4	97.4	97.4	97.4	97.4	97.4	
GE 700		50.0	53.9	66.9	66.9	85.2	87.8	92.4	95.4	96.4	97.3	97.8	97.8	97.8	97.8	97.8	97.8	
GE 600		50.0	53.9	66.9	66.9	85.3	88.0	92.8	95.8	96.8	97.7	98.2	98.2	98.2	98.2	98.2	98.2	
GE 500		50.0	53.9	66.9	66.9	85.4	88.1	92.9	96.0	97.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	
GE 400		50.0	53.9	66.9	66.9	85.4	88.1	93.2	95.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	
GE 300		50.0	53.9	66.9	66.9	85.7	88.4	93.6	96.8	97.8	98.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 200		50.0	53.9	66.9	66.9	85.7	88.4	93.6	96.8	97.8	98.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 100		50.0	53.9	66.9	66.9	85.7	88.4	93.6	96.8	97.8	98.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 000		50.0	53.9	66.9	66.9	85.7	88.4	93.6	96.8	97.8	98.7	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

D 2 97

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.7	37.0	42.6	42.6	46.0	46.2	46.7	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	35.4	38.9	44.7	44.7	49.4	49.9	50.4	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	35.6	39.0	44.8	44.8	49.6	50.0	50.6	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 16000	35.6	39.0	44.8	44.8	49.6	50.0	50.6	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	36.0	39.4	45.3	45.3	50.1	50.6	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	36.3	39.8	45.7	45.7	50.9	51.3	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 10000	38.2	41.7	48.8	48.8	55.1	55.9	56.4	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	39.1	42.6	49.7	49.7	56.6	57.3	57.9	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	41.3	44.9	52.6	52.6	59.7	60.7	61.3	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 7000	42.1	45.7	53.3	53.3	60.4	61.6	62.3	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	42.8	46.3	54.0	54.0	61.1	62.2	63.1	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	44.1	47.7	55.8	55.8	63.3	64.4	65.3	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	45.6	49.4	57.9	57.9	65.8	66.9	68.0	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4000	50.4	55.0	64.2	64.2	73.8	75.0	76.6	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	52.2	56.8	66.8	66.8	76.7	78.1	79.7	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	54.6	59.2	69.4	69.4	80.3	81.9	83.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	55.7	60.6	71.2	71.2	82.6	84.3	86.2	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	57.0	62.2	73.0	73.0	84.8	86.6	88.6	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	57.0	62.2	73.7	73.7	85.6	87.3	89.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	57.3	62.6	74.2	74.2	86.8	88.8	91.4	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	57.8	63.0	74.8	74.8	87.3	89.4	92.2	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	57.8	63.0	74.8	74.8	87.8	89.9	93.1	95.6	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	57.8	63.0	74.9	74.9	88.3	90.4	93.7	96.2	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	57.8	63.0	75.0	75.0	88.7	90.8	94.2	96.8	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	57.8	63.2	75.2	75.2	88.9	91.0	94.8	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	57.8	63.2	75.2	75.2	89.0	91.1	95.0	97.6	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	57.9	63.3	75.3	75.3	89.1	91.2	95.1	97.7	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	57.9	63.3	75.3	75.3	89.1	91.2	95.2	97.9	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	57.9	63.3	75.3	75.3	89.2	91.3	95.3	98.0	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8
GE 200	57.9	63.3	75.3	75.3	89.2	91.3	95.3	98.0	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8
GE 100	57.9	63.3	75.3	75.3	89.2	91.3	95.3	98.0	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8
GE 000	57.9	63.3	75.3	75.3	89.2	91.3	95.3	98.0	98.6	99.0	99.2	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFCETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: NOV HOURS: ALL											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 02	GE 00	
NO CEIL		36.9	40.0	44.8	44.8	47.9	48.2	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
GE 20000		39.7	43.0	48.3	48.3	52.3	52.7	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
GE 18000		39.8	43.2	48.5	48.5	52.5	52.9	53.5	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	
GE 16000		39.9	43.2	48.6	48.6	52.5	52.9	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 14000		40.2	43.5	49.0	49.0	53.0	53.5	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 12000		40.6	44.0	49.7	49.7	54.0	54.4	55.0	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	
GE 10000		42.7	46.1	52.8	52.8	58.2	58.8	59.4	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
GE 9000		43.5	46.9	53.7	53.7	59.3	60.0	60.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
GE 8000		45.0	48.5	56.0	56.0	62.3	63.2	64.0	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	
GE 7000		45.6	49.2	56.8	56.8	63.2	64.1	65.1	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	
GE 6000		46.1	49.6	57.2	57.2	63.7	64.6	65.6	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 5000		48.1	51.8	59.7	59.7	66.4	67.5	68.4	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 4500		50.0	53.7	62.0	62.0	69.0	70.0	71.1	71.8	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE 4000		54.1	58.3	67.7	67.7	75.7	76.8	78.2	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 3500		55.2	59.4	69.3	69.3	77.8	79.1	80.4	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	
GE 3000		56.8	61.1	71.8	71.8	81.2	82.5	84.2	85.2	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	
GE 2500		57.8	62.3	73.4	73.4	83.6	85.0	86.9	88.1	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	
GE 2000		58.4	63.0	74.4	74.4	85.2	86.9	88.9	90.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1	
GE 1800		58.5	63.1	74.7	74.7	85.7	87.4	89.5	91.0	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.9	
GE 1500		58.7	63.4	75.1	75.1	86.8	88.6	91.0	92.8	93.2	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	
GE 1200		58.9	63.6	75.4	75.4	87.3	89.3	91.8	93.7	94.2	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	
GE 1000		59.0	63.6	75.6	75.6	87.8	89.8	92.5	94.5	95.1	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.3	
GE 900		59.0	63.6	75.6	75.6	87.9	89.9	92.7	94.8	95.4	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.6	
GE 800		59.0	63.6	75.7	75.7	88.1	90.3	93.1	95.3	95.9	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.3	
GE 700		59.0	63.7	75.7	75.7	88.3	90.4	93.4	95.6	96.3	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	
GE 600		59.0	63.7	75.7	75.7	88.5	90.6	93.7	95.9	96.6	97.2	97.9	98.0	98.1	98.1	98.1	98.2		
GE 500		59.0	63.7	75.8	75.8	88.6	90.7	93.8	96.3	97.0	97.7	98.4	98.6	98.7	98.7	98.7	98.8		
GE 400		59.0	63.7	75.8	75.8	88.7	90.8	94.0	96.6	97.3	98.1	99.0	99.2	99.3	99.3	99.3	99.4		
GE 300		59.0	63.7	75.8	75.8	88.7	90.9	94.1	96.7	97.5	98.3	99.2	99.5	99.6	99.6	99.7	99.8		
GE 200		59.0	63.7	75.8	75.8	88.7	90.9	94.1	96.7	97.5	98.4	99.3	99.6	99.7	99.8	99.8	99.9		
GE 100		59.0	63.7	75.8	75.8	88.7	90.9	94.1	96.7	97.5	98.4	99.3	99.6	99.8	99.8	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

PERIOD OF RECORD: MAR 78 - FEB 88

LST TO UTC: - 9

MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	64.3	65.3	71.7	71.7	74.1	74.2	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 20000	65.8	66.8	73.4	73.4	75.9	76.0	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	65.9	66.9	73.7	73.7	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	65.9	66.9	73.7	73.7	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000	65.9	66.9	73.7	73.7	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	65.9	66.9	73.7	73.7	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	66.8	67.7	74.5	74.5	77.3	77.5	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	67.8	68.8	75.6	75.6	78.4	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	69.7	70.6	77.6	77.6	80.5	80.9	81.1	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	69.8	70.8	78.0	78.0	81.0	81.4	81.6	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	70.1	71.1	78.3	78.3	81.3	81.7	81.9	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	72.5	73.7	81.5	81.5	84.7	85.2	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	73.3	74.5	82.6	82.6	85.9	86.3	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	76.2	77.4	86.1	86.1	89.8	90.2	90.4	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	77.3	78.5	87.3	87.3	91.0	91.4	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	78.4	79.6	89.0	89.1	92.9	93.3	93.8	94.4	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9
GE 2500	79.2	80.4	90.0	90.1	94.1	94.5	95.1	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2
GE 2000	79.7	80.9	90.5	90.6	94.9	95.5	96.1	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3
GE 1800	79.7	80.9	90.6	90.8	95.1	95.6	96.2	96.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
GE 1500	79.7	80.9	90.6	90.8	95.1	95.6	96.2	96.9	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6
GE 1200	80.0	81.2	91.1	91.2	95.5	96.0	96.9	97.7	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 1000	80.0	81.2	91.3	91.4	96.0	96.6	97.5	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1
GE 900	80.0	81.2	91.3	91.4	96.0	96.6	97.5	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1
GE 800	80.0	81.2	91.3	91.4	96.1	96.7	97.6	98.5	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2
GE 700	80.0	81.2	91.5	91.6	96.3	96.9	97.8	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5
GE 600	80.0	81.2	91.5	91.6	96.3	96.9	97.8	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5
GE 500	80.0	81.2	91.5	91.6	96.3	97.0	98.0	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7
GE 400	80.0	81.2	91.5	91.6	96.5	97.1	98.1	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8
GE 300	80.0	81.2	91.5	91.6	96.6	97.2	98.2	99.1	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 200	80.0	81.2	91.5	91.6	96.6	97.2	98.2	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	80.0	81.2	91.5	91.6	96.6	97.2	98.2	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	80.0	81.2	91.5	91.6	96.6	97.2	98.2	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: + 9				MONTH: DEC HOURS: 03-05											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		68.6	69.8	73.0	73.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
GE 20000		70.6	71.8	75.6	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 18000		71.1	72.3	76.0	76.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 16000		71.3	72.5	76.2	76.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 14000		71.5	72.7	76.5	76.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
GE 12000		71.8	73.0	76.8	76.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 10000		72.7	73.9	77.7	77.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 9000		73.4	74.7	78.6	78.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 8000		74.8	76.1	80.0	80.0	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE 7000		75.2	76.5	80.4	80.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 6000		75.5	76.8	80.8	80.8	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 5000		77.1	78.4	82.6	82.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 4500		78.8	80.1	84.6	84.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
GE 4000		81.6	83.1	88.6	88.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 3500		82.8	84.3	90.0	90.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 3000		84.1	85.6	91.5	91.5	94.1	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 2500		85.2	86.7	92.6	92.6	95.5	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 2000		85.6	87.1	93.0	93.0	96.0	96.2	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 1800		85.6	87.1	93.0	93.0	96.0	96.2	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1500		85.6	87.1	93.0	93.0	96.0	96.3	96.9	97.1	97.1	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	
GE 1200		85.8	87.3	93.4	93.4	96.7	97.2	97.7	98.2	98.3	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	
GE 1000		85.8	87.3	93.5	93.5	97.3	97.8	98.4	98.9	99.0	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 900		85.8	87.3	93.7	93.7	97.4	98.0	98.5	99.0	99.1	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	
GE 800		85.8	87.3	93.7	93.7	97.4	98.0	98.5	99.0	99.1	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	
GE 700		85.8	87.3	93.7	93.7	97.4	98.0	98.5	99.0	99.1	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	
GE 600		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 500		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 400		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 300		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 200		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 100		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
GE 000		85.8	87.3	93.7	93.7	97.4	98.0	98.6	99.2	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	62.7	64.3	68.2	68.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	64.6	66.2	71.2	71.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	65.2	66.8	72.0	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	65.3	66.9	72.2	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	65.6	67.2	72.5	72.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	65.9	67.5	73.0	73.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	69.0	70.6	76.5	76.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	69.5	71.1	77.0	77.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	70.1	71.7	77.7	77.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	70.4	72.0	78.4	78.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	70.5	72.2	78.5	78.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	72.7	74.3	80.9	80.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	74.1	75.7	82.4	82.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	79.0	80.8	87.5	87.5	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500	80.8	82.5	89.9	89.9	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	81.5	83.2	90.9	90.9	94.3	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	82.3	84.0	91.7	91.7	95.4	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	82.5	84.2	92.2	92.2	96.5	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	82.5	84.2	92.2	92.2	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	82.5	84.2	92.3	92.3	96.9	97.3	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	82.5	84.2	92.3	92.3	97.0	97.5	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	82.6	84.3	92.4	92.4	97.1	97.6	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	82.6	84.3	92.4	92.4	97.4	98.0	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	82.6	84.3	92.4	92.4	97.4	98.0	98.2	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	82.6	84.3	92.4	92.4	97.4	98.1	98.3	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	82.6	84.3	92.4	92.4	97.4	98.1	98.3	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	82.6	84.3	92.4	92.4	97.4	98.1	98.3	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 102

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	52.5	53.2	65.6	65.6	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	54.3	55.1	68.8	68.8	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	54.6	55.4	69.4	69.4	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	54.6	55.4	69.4	69.4	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	54.7	55.5	69.5	69.5	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	55.3	56.0	70.1	70.1	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	56.0	56.8	71.7	71.7	78.1	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	56.2	57.0	72.4	72.4	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	57.4	58.2	74.0	74.0	81.2	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	57.6	58.4	74.4	74.4	81.9	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	57.6	58.4	74.4	74.4	81.9	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	58.9	59.8	76.1	76.1	83.9	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	59.4	60.2	76.9	76.9	84.7	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	62.9	63.8	80.8	80.8	89.4	90.3	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	64.1	64.9	82.9	82.9	92.2	93.2	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	54.3	65.2	83.2	83.2	92.9	94.4	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	64.5	65.5	83.5	83.5	93.5	95.2	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	64.6	65.6	83.8	83.8	94.0	95.7	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	64.6	65.6	83.9	83.9	94.2	95.9	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	64.6	65.6	83.9	83.9	95.1	96.8	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	64.6	65.6	83.9	83.9	95.1	96.8	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	64.6	65.6	83.9	83.9	95.2	96.9	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	64.6	65.6	83.9	83.9	95.2	96.9	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	64.7	65.7	84.0	84.0	95.3	97.0	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	64.7	65.7	84.0	84.0	95.3	97.0	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	64.7	65.7	84.0	84.0	95.3	97.2	97.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	64.7	65.7	84.0	84.0	95.3	97.2	97.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5
GE 400	64.7	65.7	84.0	84.0	95.3	97.2	97.5	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 300	64.7	65.7	84.0	84.0	95.3	97.2	97.5	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	64.7	65.7	84.0	84.0	95.3	97.2	97.5	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	64.7	65.7	84.0	84.0	95.3	97.2	97.5	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	64.7	65.7	84.0	84.0	95.3	97.2	97.5	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	52.8	53.4	67.3	67.3	71.1	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 20000	55.4	56.0	71.8	71.8	76.3	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	55.4	56.0	72.4	72.4	77.0	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000	55.4	56.0	72.4	72.4	77.0	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	55.6	56.2	72.6	72.6	77.3	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	55.6	56.2	72.8	72.8	77.8	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	56.3	57.0	74.4	74.4	79.7	80.3	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	56.6	57.2	74.9	74.9	80.3	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	57.2	57.8	75.6	75.6	81.5	82.3	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	57.4	58.1	76.2	76.2	82.2	83.0	83.5	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	57.6	58.3	76.5	76.5	82.4	83.2	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	57.7	58.4	76.6	76.6	82.8	83.7	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	58.2	58.8	77.1	77.1	83.8	84.6	85.4	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	61.9	62.6	81.3	81.3	88.5	89.4	90.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	62.8	63.4	82.3	82.3	90.0	90.9	91.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	63.7	64.3	83.5	83.5	91.6	92.5	93.3	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	63.8	64.4	83.7	83.7	92.0	93.0	94.2	95.4	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	63.8	64.4	83.9	83.9	92.6	93.5	94.7	96.3	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	63.8	64.4	84.0	84.0	92.7	93.7	94.8	96.5	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	63.8	64.4	84.0	84.0	92.7	93.7	94.8	96.5	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	63.8	64.4	84.1	84.1	92.8	93.8	95.2	96.8	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	63.8	64.4	84.2	84.2	93.0	94.0	95.4	97.1	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	63.9	64.5	84.3	84.3	93.1	94.1	95.5	97.2	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	63.9	64.5	84.3	84.3	93.2	94.2	95.6	97.5	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	64.1	64.7	84.5	84.5	93.4	94.5	96.0	98.0	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	64.1	64.7	84.5	84.5	93.5	94.6	96.1	98.1	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.1	64.7	84.5	84.5	93.5	94.7	96.5	98.5	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFLIAAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420				STATION NAME: YOKOTA AB JAPAN				PERIOD OF RECORD: MAR 78 - FEB 88											
				LST TO UTC: - 9				MONTH: DEC HOURS: 15-17											
CEILING		VISIBILITY IN METERS																	
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00		
NO CEIL		44.9	45.9	57.6	57.6	64.7	65.9	66.8	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 20000		47.1	48.1	61.2	61.2	69.6	71.0	71.9	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 18000		47.2	48.2	61.0	61.6	70.3	71.7	72.8	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 16000		47.2	48.2	61.6	61.6	70.3	71.7	72.8	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 14000		47.3	48.3	61.7	61.7	70.4	71.8	72.9	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
GE 12000		47.4	48.4	62.0	62.0	71.1	72.6	73.8	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
GE 10000		48.3	49.2	63.3	63.3	73.0	74.7	75.9	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GE 9000		48.3	49.2	63.3	63.3	73.0	74.7	75.9	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GE 8000		48.7	49.7	64.7	64.7	74.8	76.9	78.1	79.2	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 7000		48.8	49.8	65.2	65.2	75.4	77.4	78.6	79.8	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 6000		48.8	49.8	65.2	65.2	75.4	77.4	78.6	79.8	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 5000		50.6	51.6	67.2	67.2	77.6	79.7	80.9	82.0	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 4500		51.3	52.3	68.1	68.1	78.6	80.6	82.0	83.2	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 4000		53.8	54.7	71.9	71.9	83.3	85.5	87.2	88.5	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	
GE 3500		54.3	55.4	72.9	72.9	84.5	87.0	88.7	90.0	90.5	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3	
GE 3000		54.7	55.8	73.8	73.8	86.3	88.9	91.2	92.6	93.1	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	
GE 2500		55.2	56.2	74.5	74.5	87.4	90.1	92.4	93.8	94.4	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	
GE 2000		55.4	56.5	75.1	75.1	88.1	90.8	93.1	94.6	95.3	95.7	95.8	96.0	96.1	96.2	96.2	96.2	96.2	
GE 1800		55.4	56.5	75.1	75.1	88.1	90.9	93.2	94.7	95.4	95.8	95.9	96.2	96.3	96.5	96.5	96.5	96.5	
GE 1500		55.5	56.6	75.4	75.4	88.5	91.6	94.1	95.6	96.3	96.8	97.0	97.4	97.5	97.6	97.6	97.6	97.6	
GE 1200		55.5	56.6	75.4	75.4	88.6	91.7	94.2	95.7	96.5	96.9	97.1	97.5	97.6	97.7	97.7	97.7	97.7	
GE 1000		55.5	56.6	75.5	75.5	88.7	91.8	94.3	95.9	96.8	97.3	97.5	98.0	98.2	98.3	98.3	98.3	98.3	
GE 900		55.6	56.7	75.6	75.6	88.8	91.9	94.4	96.0	96.9	97.4	97.6	98.1	98.3	98.4	98.4	98.4	98.4	
GE 800		55.6	56.7	75.6	75.6	88.8	92.0	94.5	96.1	97.0	97.5	97.7	98.2	98.4	98.5	98.5	98.5	98.5	
GE 700		55.6	56.7	75.6	75.6	88.8	92.0	94.5	96.1	97.0	97.6	97.8	98.3	98.5	98.6	98.6	98.6	98.6	
GE 600		55.6	56.7	75.6	75.6	88.8	92.0	94.6	96.2	97.1	97.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	
GE 500		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.3	98.0	98.2	98.6	98.8	99.0	99.0	99.0	99.0	
GE 400		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.4	98.3	98.6	99.0	99.6	99.8	99.8	99.8	99.8	
GE 300		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.4	98.3	98.8	99.2	99.8	100.0	100.0	100.0	100.0	
GE 200		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.4	98.3	98.8	99.2	99.8	100.0	100.0	100.0	100.0	
GE 100		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.4	98.3	98.8	99.2	99.8	100.0	100.0	100.0	100.0	
GE 000		55.6	56.7	75.6	75.6	88.8	92.0	94.7	96.5	97.4	98.3	98.8	99.2	99.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 105

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	44.1	44.8	55.8	55.8	64.6	65.6	66.6	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 20000	45.5	46.2	58.7	58.7	68.4	69.6	70.8	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 18000	46.0	46.8	59.4	59.4	69.2	70.5	71.7	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 16000	46.0	46.8	59.4	59.4	69.2	70.5	71.7	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 14000	46.3	47.1	59.7	59.7	69.6	70.9	72.0	72.6	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 12000	46.6	47.3	59.9	59.9	69.9	71.2	72.4	73.0	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5
GE 10000	47.0	47.7	61.2	61.2	72.0	73.5	74.7	75.4	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 9000	47.1	47.8	61.4	61.4	72.3	73.8	74.9	75.6	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 8000	47.6	48.4	62.7	62.7	74.5	76.8	78.0	78.6	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 7000	47.7	48.5	63.0	63.0	74.8	77.1	78.3	79.1	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 6000	47.8	48.6	63.1	63.1	74.9	77.2	78.4	79.2	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 5000	48.9	49.7	64.7	64.7	77.0	79.2	80.4	81.3	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 4500	50.1	50.9	66.2	66.2	78.5	81.1	82.3	83.1	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 4000	53.0	54.0	70.6	70.6	83.3	85.9	87.4	88.5	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 3500	53.8	54.7	71.5	71.5	84.9	87.6	89.1	90.2	90.6	90.9	91.0	91.0	91.1	91.2	91.2	91.2
GE 3000	54.2	55.2	72.4	72.4	86.8	89.5	91.1	92.3	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.3
GE 2500	55.2	56.1	73.4	73.4	88.4	91.1	92.7	93.9	94.3	94.6	94.7	94.7	94.8	94.9	94.9	94.9
GE 2000	55.5	56.5	74.1	74.1	89.5	92.2	93.9	95.2	95.6	95.9	96.0	96.0	96.1	96.2	96.2	96.2
GE 1800	55.7	56.7	74.3	74.3	89.7	92.4	94.1	95.4	95.8	96.1	96.3	96.3	96.5	96.6	96.6	96.6
GE 1500	55.7	56.7	74.5	74.5	89.9	92.6	94.3	95.6	96.1	96.6	96.9	96.9	97.0	97.1	97.1	97.1
GE 1200	55.8	56.8	74.7	74.7	90.2	92.9	94.6	95.9	96.6	97.0	97.3	97.3	97.4	97.5	97.5	97.5
GE 1000	56.0	57.0	75.1	75.1	90.5	93.5	95.3	96.6	97.2	97.6	98.0	98.0	98.1	98.2	98.2	98.2
GE 900	56.0	57.0	75.3	75.3	90.9	93.9	95.6	97.1	97.7	98.3	98.6	98.6	98.7	98.8	98.8	98.8
GE 800	56.0	57.0	75.3	75.3	90.9	93.9	95.6	97.2	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9
GE 700	56.0	57.0	75.3	75.3	90.9	93.9	95.6	97.2	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9
GE 600	56.0	57.0	75.3	75.3	90.9	93.9	95.6	97.2	97.8	98.4	98.8	98.8	98.9	99.0	99.0	99.0
GE 500	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.3	98.0	98.5	99.1	99.1	99.2	99.4	99.4	99.4
GE 400	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.3	98.0	98.6	99.4	99.4	99.5	99.6	99.6	99.6
GE 300	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.3	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.4	98.2	98.9	99.7	99.7	99.8	99.9	99.9	99.9
GE 100	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.4	98.2	98.9	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	56.0	57.0	75.4	75.4	91.0	94.0	95.7	97.4	98.2	98.9	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	56.5	57.0	66.1	66.1	70.6	70.9	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7
GE 20000	58.4	58.9	68.7	68.7	73.3	73.5	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4
GE 18000	58.5	59.0	68.8	68.8	73.4	73.7	73.9	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5
GE 16000	58.6	59.1	69.0	69.0	73.7	73.9	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
GE 14000	58.7	59.2	69.1	69.1	73.8	74.0	74.2	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 12000	58.8	59.4	69.4	69.4	74.0	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1
GE 10000	59.8	60.3	70.6	70.6	75.7	75.9	76.2	76.7	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2
GE 9000	60.0	60.5	71.2	71.2	76.2	76.5	76.8	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.7
GE 8000	60.4	61.0	71.8	71.8	77.4	78.0	78.4	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.4
GE 7000	60.4	61.0	71.9	71.9	78.0	78.6	79.0	79.5	79.7	79.7	79.9	79.9	79.9	79.9	79.9	80.0
GE 6000	60.9	61.4	72.6	72.6	78.6	79.2	79.7	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.6
GE 5000	62.5	63.0	74.3	74.3	80.6	81.4	81.8	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.8
GE 4500	63.7	64.2	76.0	76.1	82.8	83.5	84.0	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.9
GE 4000	66.1	66.7	79.9	80.0	86.7	87.4	88.0	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.9
GE 3500	67.6	68.2	81.8	81.9	88.8	89.6	90.1	90.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2
GE 3000	68.9	69.5	3.4	83.5	91.1	91.9	92.6	93.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.9
GE 2500	69.5	70.0	84.5	84.6	92.4	93.4	94.1	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.6
GE 2000	69.9	70.4	85.3	85.4	93.2	94.4	95.2	95.9	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.8
GE 1800	70.0	70.5	85.4	85.5	93.4	94.6	95.4	96.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	97.0
GE 1500	70.0	70.5	85.5	85.6	93.5	94.7	95.5	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.1
GE 1200	70.3	70.9	86.2	86.3	94.5	95.7	96.6	97.4	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.3
GE 1000	70.4	71.0	86.6	86.7	94.8	96.0	97.0	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.8
GE 900	70.4	71.0	86.7	86.8	94.9	96.1	97.1	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9
GE 800	70.4	71.0	86.7	86.8	94.9	96.1	97.1	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9
GE 700	70.4	71.0	86.7	86.8	94.9	96.1	97.1	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9
GE 600	70.5	71.1	86.9	87.0	95.2	96.3	97.4	98.4	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.2
GE 500	70.5	71.1	86.9	87.0	95.2	96.3	97.4	98.4	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.2
GE 400	70.5	71.1	86.9	87.0	95.3	96.5	97.5	98.5	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.6
GE 300	70.5	71.1	86.9	87.0	95.5	96.7	97.7	98.7	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	70.5	71.1	86.9	87.0	95.5	96.7	97.7	98.7	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	70.5	71.1	86.9	87.0	95.5	96.7	97.7	98.7	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	70.5	71.1	86.9	87.0	95.5	96.7	97.7	98.7	99.0	99.2	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	55.8	56.7	65.7	65.7	69.8	70.2	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 20000	57.7	58.6	68.7	68.7	73.4	73.9	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	58.0	58.9	69.2	69.2	74.0	74.4	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	58.0	59.0	69.2	69.2	74.0	74.5	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	58.2	59.1	69.4	69.4	74.2	74.7	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	58.4	59.3	69.7	69.7	74.7	75.2	75.6	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
GE 10000	59.5	60.4	71.3	71.3	76.6	77.2	77.6	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	59.9	60.8	71.8	71.8	77.3	77.9	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	60.8	61.7	73.0	73.0	78.9	79.7	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 7000	60.9	61.9	73.4	73.4	79.5	80.4	80.8	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	61.1	62.1	73.7	73.7	79.7	80.6	81.1	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	62.6	63.6	75.5	75.5	81.8	82.7	83.1	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	63.6	64.6	76.7	76.7	83.2	84.1	84.6	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	66.8	67.9	80.8	80.9	87.8	88.8	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	67.9	69.0	82.3	82.3	89.6	90.6	91.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	68.7	69.8	83.5	83.5	91.3	92.4	93.2	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 2500	69.3	70.4	84.2	84.3	92.3	93.6	94.4	95.1	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8
GE 2000	69.6	70.7	84.7	84.7	93.1	94.4	95.3	96.2	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.9
GE 1800	69.7	70.7	84.8	84.8	93.2	94.5	95.5	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.1
GE 1500	69.7	70.7	84.9	84.9	93.5	94.8	95.8	96.6	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.6
GE 1200	69.8	70.9	85.1	85.2	93.8	95.2	96.2	97.2	97.5	97.8	97.9	98.0	98.1	98.1	98.1	98.1
GE 1000	69.8	70.9	85.3	85.3	94.1	95.5	96.6	97.6	97.9	98.2	98.4	98.5	98.5	98.6	98.6	98.6
GE 900	69.9	70.9	85.4	85.4	94.2	95.7	96.7	97.7	98.1	98.4	98.6	98.6	98.7	98.8	98.8	98.8
GE 800	69.9	71.0	85.4	85.4	94.3	95.7	96.8	97.9	98.2	98.5	98.7	98.8	98.8	98.9	98.9	98.9
GE 700	69.9	71.0	85.4	85.5	94.3	95.8	96.9	98.0	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0
GE 600	69.9	71.0	85.5	85.5	94.4	95.9	97.0	98.1	98.5	98.5	99.0	99.1	99.2	99.2	99.2	99.2
GE 500	69.9	71.0	85.5	85.5	94.4	95.9	97.1	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.5
GE 400	69.9	71.0	85.5	85.5	94.4	95.9	97.1	98.4	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8
GE 300	69.9	71.0	85.5	85.5	94.4	96.0	97.2	98.5	98.9	99.3	99.6	99.8	99.9	99.9	99.9	100.0
GE 200	69.9	71.0	85.5	85.5	94.4	96.0	97.2	98.5	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0
GE 100	69.9	71.0	85.5	85.5	94.4	96.0	97.2	98.5	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0
GE 000	69.9	71.0	85.5	85.5	94.4	96.0	97.2	98.5	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.9	35.2	40.0	40.0	42.5	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	37.9	39.5	45.6	45.6	49.0	49.3	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
GE 18000	38.3	39.9	46.1	46.1	49.6	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
GE 16000	38.4	39.9	46.2	46.2	49.7	50.0	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	38.7	40.3	46.7	46.7	50.2	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
GE 12000	39.5	41.1	47.7	47.7	51.4	51.7	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 10000	41.6	43.3	50.7	50.7	55.1	55.5	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	42.3	44.0	51.7	51.7	56.2	56.7	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 8000	44.3	46.2	54.5	54.5	59.6	60.1	60.5	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	45.0	46.8	55.3	55.3	60.6	61.2	61.6	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	45.2	47.1	55.6	55.6	60.9	61.5	61.9	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	46.8	48.8	57.7	57.7	63.2	63.8	64.3	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	48.1	50.1	59.2	59.2	64.9	65.5	66.0	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 4000	52.0	54.4	64.8	64.8	71.6	72.4	73.1	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8
GE 3500	53.5	55.9	66.9	66.9	74.2	75.1	75.9	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	55.5	58.0	69.9	69.9	78.2	79.3	80.2	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	56.3	58.8	71.4	71.4	80.4	81.6	82.6	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7
GE 2000	56.9	59.6	72.6	72.6	82.4	83.8	85.0	85.7	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	57.0	59.7	72.8	72.8	82.8	84.2	85.5	86.3	86.5	86.7	86.8	86.8	86.8	86.9	86.9	86.9
GE 1500	57.4	60.1	73.6	73.6	84.3	86.0	87.5	88.4	88.7	89.0	89.2	89.2	89.3	89.3	89.3	89.3
GE 1200	57.6	60.3	74.1	74.1	85.3	87.2	88.8	90.0	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	57.8	60.5	74.5	74.5	86.3	88.4	90.3	91.7	92.1	92.6	92.8	92.9	92.9	92.9	92.9	92.9
GE 900	57.9	60.6	74.7	74.7	86.6	88.8	90.7	92.1	92.6	93.1	93.4	93.4	93.4	93.5	93.5	93.5
GE 800	57.9	60.7	74.8	74.8	87.1	89.4	91.5	93.0	93.6	94.1	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	58.0	60.7	74.9	74.9	87.4	89.8	92.0	93.6	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.2
GE 600	58.0	60.7	75.0	75.0	87.7	90.2	92.6	94.4	95.1	95.8	96.2	96.2	96.3	96.3	96.4	96.4
GE 500	58.0	60.8	75.1	75.1	88.1	90.8	93.4	95.5	96.3	97.1	97.6	97.7	97.8	97.9	97.9	97.9
GE 400	58.0	60.8	75.1	75.1	88.2	91.0	93.7	96.0	97.0	97.9	98.5	98.6	98.8	98.9	98.9	98.9
GE 300	58.0	60.8	75.1	75.1	88.3	91.1	93.9	96.2	97.3	98.4	99.1	99.3	99.5	99.5	99.6	99.6
GE 200	58.0	60.8	75.1	75.1	88.3	91.1	93.9	96.2	97.4	98.5	99.3	99.5	99.7	99.8	99.8	99.9
GE 100	58.0	60.8	75.1	75.1	88.3	91.1	93.9	96.2	97.4	98.5	99.3	99.5	99.8	99.8	99.9	100.0
GE 000	58.0	60.8	75.1	75.1	88.3	91.1	93.9	96.2	97.4	98.5	99.3	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87681

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEE
PPPPPPPPP	AAAAAAA	RRRRRRR,RR	TTTTTTTTT	EEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAA	RR RF	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10¹ OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

TEMP (DEG-F)	STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN LST TO UTC: -09												PERIOD OF RECORD: 4711-8802 MONTH: ALL HOURS: ALL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
GE 100							.2		.1				.0
GE 95						.3	1.5	3.1	.5				.5
GE 90					.1	1.7	18.2	28.3	4.1	.1			4.4
GE 85					.1	1.4	8.0	44.7	63.4	16.3	.4		11.2
GE 80		.1	.1	2.0	10.3	30.3	67.3	82.4	41.7	2.7	.1		19.7
GE 75		.3	.6	9.2	34.3	59.7	84.9	94.2	67.9	15.0	1.1	.1	30.5
GE 70	.1	.4	2.7	23.8	64.4	81.3	95.7	98.5	87.1	39.9	7.0	.3	41.7
GE 65	.6	2.2	7.1	44.9	84.6	93.7	99.2	100.0	96.7	67.7	21.5	2.0	51.5
GE 60	2.7	6.6	21.9	72.0	96.0	99.3	100.0		99.9	91.1	51.1	10.5	62.5
GE 55	12.0	16.8	42.8	88.3	99.4	100.0			100.0	99.2	80.1	34.1	72.6
GE 50	35.0	40.0	70.7	96.0	100.0				100.0		94.8	67.0	83.6
GE 45	73.3	71.9	90.1	99.0							99.3	91.2	93.8
GE 40	94.4	91.0	97.7	99.9							100.0	99.1	98.5
GE 35	99.4	99.1	99.9	100.0								99.9	99.9
GE 33	100.0	99.7	100.0									100.0	100.0
GE 30	100.0												100.0
MEAN	47.9	48.4	53.6	63.7	71.6	75.7	82.6	85.5	77.6	67.9	59.7	52.1	65.5
SD	5.57	6.82	7.54	7.85	6.44	6.70	7.10	6.00	6.98	6.15	6.40	5.87	14.38
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09

PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80								.2					.0
GE 75						.1	6.9	18.7	1.3				2.3
GE 70					.1	3.4	48.5	71.5	18.0	.1			11.9
GE 65				.1	1.1	24.6	84.8	94.7	50.6	1.1			21.4
GE 60					1.6	12.3	72.3	98.1	99.9	83.2	12.5	.2	31.6
GE 55			.3	8.3	49.0	93.6	99.8	100.0	96.8	44.9	3.0	.2	41.2
GE 50				1.4	26.8	83.1	99.7	100.0		99.7	75.4	17.3	.4
GE 45	.2	.3	6.2	56.0	96.2	100.0			100.0	92.4	39.1	2.9	57.6
GE 40	2.7	4.7	20.9	80.6	99.6					98.6	63.5	11.6	65.0
GE 35	10.6	17.4	48.7	94.5	100.0					100.0	87.2	33.4	74.2
GE 33	17.5	26.9	61.4	97.2							92.8	46.5	78.4
GE 30	35.6	44.8	81.0	99.7							98.0	69.8	85.7
GE 25	73.1	77.4	96.3	100.0							100.0	91.2	94.8
GE 20	95.4	96.8	99.6									99.3	99.3
GE 15	99.9	99.9	100.0								100.0		100.0
GE 10	100.0	100.0											100.0
MEAN	27.9	29.1	34.7	45.3	53.9	61.8	69.0	71.2	64.6	53.2	42.4	32.4	48.8
SD	5.21	5.73	6.19	6.53	4.95	4.47	4.08	3.52	5.15	5.74	6.70	5.84	16.00
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

TEMP (DEG-F)	PERIOD OF RECORD: 4711-8802												
	STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN LST TO UTC: -09			MONTH: ALL HOURS: ALL									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85						.1	1.7	4.6	.3				.6
GE 80						1.9	28.9	48.9	6.3	.1			7.2
GE 75					.8	10.6	63.8	83.2	30.1	.4			15.8
GF 70			.1	1.0	6.9	46.0	88.5	96.5	61.5	3.9			25.3
GE 65			.2	5.0	38.1	81.8	97.5	99.7	88.8	23.5	.9		36.2
GE 60		.2	1.0	22.2	77.4	97.0	99.8	100.0	99.1	59.1	7.6	.2	46.8
GE 55	.5	4.7	4.7	51.3	95.9	99.7	100.0		100.0	89.4	29.1	1.7	55.9
GE 50	1.7	4.7	20.2	79.5	99.7	100.0				99.2	61.8	9.3	64.5
GE 45	8.3	14.4	46.0	94.8	100.0				100.0	87.7	33.2		73.6
GE 40	33.8	40.4	78.3	99.6							98.6	70.4	85.1
GL 35	79.0	81.0	97.4	100.0							100.0	95.2	96.1
GE 33	90.9	92.3	99.2									98.7	98.4
GE 30	99.0	98.9	100.0									99.8	99.8
GE 25	100.0	99.9										100.0	100.0
GE 20		100.0											100.0
MEAN	38.1	39.0	44.4	54.7	62.9	68.9	76.0	78.6	71.3	60.7	51.3	42.5	57.3
SD	4.47	5.28	5.86	6.21	4.67	4.84	5.17	4.30	5.46	4.99	5.66	5.10	14.84
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47											72	62	72*
48	62	64	66	78	80	94	91	91	92	82	73	63	94
49	64	63	77	73	83	85	96	94	88	76	72	62	96
50	66	64	71	80	84	90	95	92	91	78	73	63	95
51	56	62	67	79	85	86	94	97	88	81	74	64	97
52	59	52	64	80	81	86	92	95	94	82	74	59	95
53	60	63	65	80	82	85	92	97	89	79	75	67	97
54	62	68	76	75	82	81	92	96	90	76	69	67	96
55	59	67	75	89	82	91	95	95	86	82	70	65	95
56	59	64	74	81	89	89	93	96	90	78	72	64	96
57	66	57	72	81	83	87	95	95	89	78	72	73	95
58	62	70	70	84	90	95	92	95	93	86	74	65	95
59	60	71	73	81	88	86	93	95	95	81	73	66	95
60	71	66	75	77	84	91	93	93	91	82	72	64	93
61	58	59	69	75	88	82	95	92	90	82	70	63	95
62	57	78	65	72	84	83	91	98	88	86	76	59	98
63	53	56	70	79	88	96	94	95	84	78	71	63	96
64	61	55	69	83	82	85	93	94	87	77	69	58	94
65	56	65	62	78	81	88	98	94	86	80	78	65	98
66	61	66	71	80	85	93	92	98	93	77	72	62	98
67	59	65	75	76	84	88	91	98	87	77	70	59	98
68	59	58	70	76	77	86	95	95	83	83	76	70	95
69	69	67	72	82	86	82	95	97	90	77	76	70	97
70	59	67	65	77	86	86	93	95	90	77	72	65	95
71	57	60	69	75	82	86	95	91	87	71	69	66	95
72	57	57	80	82	82	84	91	96	91	78	71	62	96
73	60	64	71	82	82	82	100	95	96	78	69	60	100
74	57	62	71	73	82	84	93	91	89	75	71	55	93
75	55	59	62	75	82	87	91	91	91	78	71	60	91
76	62	68	66	73	80	80	89	96	84	80	75	60	96
77	53	69	71	77	86	82	91	93	87	80	78	66	93
78	59	55	64	78	75	87	89	99	93	78	69	66	99
79	62	69	75	77	80	91	96	95	91	90	81	66	96
80	63	54	70	72	82	84	90	86	90	79	70	64	90

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	50	63	66	75	82	82	91	91	90	79	68	57	91
82	61	57	68	75	86	86	90	91	86	77	72	66	91
83	59	57	63	81	82	88	91	97	90	79	70	59	97
84	52	48	66	79	81	88	91	95	104	86	73	64	104
85	55	61	73	73	81	90	95	95	95	88	79	64	95
86	55	63	68	81	84	90	97	97	93	79	70	64	97
87	66	81	70	82	82	93	100	95	95	82	79	75	100
88	66	66											66*
GREATEST	71	81	80	89	90	96	100	99	104	90	81	75	104
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

THE GREATEST VALUE OF 104 OCCURRED ON 09/03/84

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09

PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47													
48	20	20	23	37	44	50	66	63	50	42	29	25	20
49	22	21	22	31	39	50	59	63	56	36	32	17	17
50	19	21	20	36	44	56	62	66	53	46	29	22	19
51	20	21	25	35	45	51	59	66	49	41	28	27	20
52	22	19	27	30	45	52	63	68	54	45	35	23	19
53	20	19	28	35	37	53	61	60	58	47	29	26	19
54	15	19	26	37	43	49	58	66	58	41	36	25	15
55	21	20	28	29	44	53	68	65	55	43	35	23	20
56	22	20	25	32	42	55	62	61	56	42	30	23	20
57	20	19	21	30	42	51	62	67	54	39	36	25	19
58	19	24	20	34	39	53	62	65	53	40	30	26	19
59	20	23	26	35	43	52	66	65	60	43	34	24	20
60	16	22	26	34	42	52	64	63	48	42	29	24	16
61	21	20	27	32	47	53	66	63	59	48	32	23	20
62	21	24	23	32	43	50	61	68	50	42	31	26	21
63	16	20	24	30	43	51	60	65	49	44	31	26	16
64	23	22	26	42	44	50	64	69	54	41	31	22	22
65	22	18	23	29	41	55	65	65	52	45	33	22	18
66	19	21	27	37	40	51	58	65	54	44	27	20	19
67	16	16	20	33	47	53	63	67	56	41	28	18	16
68	20	19	24	34	41	57	66	68	57	39	34	22	19
69	23	23	23	33	49	48	59	68	55	41	30	23	23
70	14	23	16	35	46	53	60	64	53	38	28	23	14
71	17	19	19	35	44	55	64	62	55	37	26	26	17
72	21	21	26	30	39	55	60	62	55	46	28	24	21
73	23	19	26	37	42	48	64	71	60	41	26	19	19
74	17	19	23	30	44	55	59	66	51	42	26	21	17
75	17	17	19	28	46	57	64	64	53	42	30	24	17
76	19	19	24	32	41	55	50	60	51	37	28	19	19
77	17	15	17	32	44	55	60	60	55	44	33	21	15
78	21	14	24	30	44	51	64	64	57	41	30	19	14
79	21	24	24	35	41	53	59	66	63	50	37	30	21
80	16	21	27	34	39	57	57	59	50	39	36	23	16

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	18	21	25	30	45	48	61	61	55	39	28	21	18
82	21	23	25	30	48	57	55	68	57	39	28	27	21
83	18	23	25	37	46	50	61	64	57	37	28	21	18
84	19	18	21	32	45	61	61	66	55	39	32	23	18
85	19	25	32	34	46	54	64	66	57	45	32	25	19
86	21	21	27	30	46	54	61	66	55	37	34	27	21
87	21	27	25	34	43	55	64	66	59	48	28	27	21
88	21	19											19*

LEAST	14	14	16	28	37	48	50	59	48	36	26	17	14
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

THE LEAST VALUE OF 14 OCCURRED ON 01/17/70

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09

PERIOD OF RECORD: 4711-8802
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47											49	38	44*
48	38	39	41	55	62	69	78	76	72	61	51	45	57
49	40	41	42	51	63	65	76	78	70	59	48	41	56
50	39	39	44	56	65	69	78	78	74	59	51	40	58
51	37	39	46	55	64	69	75	80	68	63	51	45	58
52	39	36	44	54	63	70	76	80	72	62	54	41	58
53	38	38	47	53	63	68	75	76	71	62	50	45	57
54	38	40	45	57	62	63	72	80	74	59	52	44	57
55	37	42	46	55	63	72	81	79	70	63	51	45	59
56	39	38	46	54	62	71	75	77	72	62	52	40	57
57	41	38	43	57	61	67	75	81	68	62	54	45	58
58	40	41	46	55	63	71	76	77	73	59	51	45	58
59	38	44	46	57	64	67	78	79	74	62	52	44	59
60	39	43	47	53	63	70	78	78	73	61	53	43	58
61	37	38	45	56	65	70	79	78	74	63	53	43	59
62	38	41	45	54	63	67	76	80	73	60	50	42	57
63	34	38	43	55	63	71	77	79	68	60	52	45	57
64	40	38	44	59	64	69	77	81	70	59	50	43	58
65	38	39	42	50	62	71	76	80	72	61	53	42	57
66	37	42	47	55	62	67	76	80	72	63	52	40	58
67	36	37	45	55	65	71	77	81	71	59	50	40	58
68	38	36	46	55	61	71	77	80	71	59	54	48	58
69	41	40	3	55	65	68	75	80	72	61	53	43	58
70	38	41	40	55	65	68	76	79	72	60	51	40	57
71	37	38	43	53	62	68	77	78	68	57	50	43	56
72	41	39	47	55	64	69	76	79	72	63	51	42	58
73	40	40	43	57	62	66	77	81	72	59	49	38	57
74	37	38	42	56	63	68	71	78	69	59	48	39	56
75	34	36	43	54	61	70	77	77	73	60	51	40	56
76	38	41	45	53	61	68	72	75	69	61	49	41	56
77	35	37	46	56	62	67	76	74	73	62	55	44	57
78	38	34	42	51	61	70	78	80	68	59	50	42	56
79	39	43	45	53	61	71	75	80	74	65	56	48	59
80	40	37	43	52	62	70	72	71	69	61	51	41	56

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: -09 PERIOD OF RECORD: 4711-8802

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	35	38	45	53	60	66	76	75	69	60	47	40	55
82	38	39	45	55	69	70	72	78	69	60	53	44	58
83	39	39	44	59	65	67	74	77	70	60	50	40	57
84	34	33	39	52	62	70	77	81	73	62	51	43	56
85	36	42	46	57	65	68	77	81	72	61	52	42	58
86	39	38	45	56	63	69	75	80	73	59	51	43	58
87	40	44	47	56	65	71	80	81	74	64	52	44	60
88	42	36											39*
MEAN	38.1	39.0	44.4	54.7	62.9	68.9	76.0	78.6	71.3	60.7	51.3	42.5	57.3
TOTAL OBS	1271	1159	1240	1200	1240	1200	1240	1240	1199	1240	1230	1271	14730

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	32.6	5.613	930		0	526	0	0	0	930
03-05	31.0	5.615	930		0	608	0	0	0	930
06-08	31.3	5.367	930		0	572	0	0	0	930
09-11	41.4	5.440	930		0	43	0	0	0	930
12-14	46.8	5.601	930		0	11	1	0	0	930
15-17	44.8	5.641	930		0	11	0	0	0	930
18-20	38.4	4.769	930		0	90	0	0	0	930
21-23	34.8	4.965	930		0	342	0	0	0	930
ALL HOURS	37.6	7.863	7440		0	2203	1	0	0	7440

MONTH: FEB

00-02	33.6	5.768	849		0	398	0	0	0	849
03-05	32.1	5.898	849		0	504	0	0	0	849
06-08	32.9	6.022	849		0	440	1	0	0	849
09-11	41.8	5.978	849		0	35	4	0	0	849
12-14	46.2	6.928	849		0	9	11	0	0	849
15-17	45.0	6.626	849		0	14	10	0	0	849
18-20	39.4	5.422	849		0	75	0	0	0	849
21-23	35.9	5.397	849		0	237	0	0	0	849
ALL HOURS	38.3	7.991	6792		0	1712	26	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER LE 32	OF HOURS WITH GE 65	TEMPERATURES GE 80	DEG F GE 93	TOTAL HOURS
00-02	39.1	6.080	933	0	147	2	0	0	933
03-05	37.4	6.310	933	0	209	3	0	0	933
06-08	39.0	6.461	933	0	155	0	0	0	933
09-11	46.9	6.549	930	0	2	3	0	0	930
12-14	50.8	7.386	930	0	4	27	0	0	930
15-17	50.0	7.093	930	0	3	25	0	0	930
18-20	44.9	5.986	930	0	13	0	0	0	930
21-23	41.6	5.892	930	0	50	3	0	0	930
ALL HOURS	43.7	8.093	7449	0	583	63	0	0	7449

MONTH: APR

00-02	49.1	6.640	900	0	0	6	0	0	900
03-05	47.3	6.933	900	0	12	4	0	0	900
06-08	50.0	6.960	900	0	3	12	0	0	900
09-11	57.4	7.537	900	0	0	125	0	0	900
12-14	61.4	8.126	900	0	0	281	10	0	900
15-17	60.4	7.685	900	0	0	228	2	0	900
18-20	55.4	6.642	900	0	0	59	0	0	900
21-23	52.0	6.519	900	0	0	23	0	0	900
ALL HOURS	54.1	8.745	7200	0	15	738	12	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 0	OF HOURS WITH LE 32	TEMPERATURES GE 65	DEG F GE 80	GE 93	TOTAL HOURS
00-02	57.8	5.132	930	0	0	72	0	0	930
03-05	56.1	5.367	930	0	0	41	0	0	930
06-08	59.6	5.596	930	0	0	132	1	0	930
09-11	66.5	6.516	930	0	0	544	12	0	930
12-14	70.0	7.005	930	0	0	693	70	0	930
15-17	68.7	6.684	930	0	0	654	48	0	930
18-20	63.9	5.523	930	0	0	370	4	0	930
21-23	60.3	5.003	930	0	0	138	0	0	930
ALL HOURS	62.9	7.593	7440	0	0	2644	135	0	7440

MONTH: JUN

00-02	64.5	4.515	900	0	0	377	0	0	900
03-05	63.3	4.540	900	0	0	283	0	0	900
06-08	66.1	4.880	900	0	0	476	5	0	900
09-11	71.3	6.377	900	0	0	709	89	0	900
12-14	74.4	7.107	900	0	0	776	219	1	900
15-17	73.5	6.455	900	0	0	793	154	0	900
18-20	69.4	5.051	900	0	0	707	32	0	900
21-23	66.4	4.427	900	0	0	514	2	0	900
ALL HOURS	68.6	6.795	7200	0	0	4635	501	1	7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	70.7	4.461	930		0	0	815	13	0	930
03-05	69.6	4.247	930		0	0	776	4	0	930
06-08	71.8	5.150	930		0	0	833	64	0	930
09-11	77.2	6.809	930		0	0	895	364	7	930
12-14	80.7	7.497	930		0	0	912	535	30	930
15-17	79.4	6.829	930		0	0	911	479	17	930
18-20	75.2	5.530	930		0	0	897	196	2	930
21-23	72.4	4.749	930		0	0	860	49	0	930
ALL HOURS	74.6	6.916	7440		0	0	6899	1704	56	7440

MONTH: AUG										
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	73.5	3.980	930		0	0	889	38	0	930
03-05	72.1	3.812	930		0	0	876	6	0	930
06-08	74.4	4.787	930		0	0	893	126	0	930
09-11	80.3	6.180	930		0	0	922	562	7	930
12-14	83.9	6.796	930		0	0	927	680	50	930
15-17	82.5	6.091	930		0	0	927	658	24	930
18-20	77.9	4.798	930		0	0	923	345	0	930
21-23	75.3	4.242	930		0	0	906	113	0	930
ALL HOURS	77.5	6.648	7440		0	0	7263	2528	81	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES	DEG F	TOTAL HOURS		
	LE 0	LE 32	GE 65	GE 80	GE 93				
00-02	67.3	5.299	900	0	0	545	6	0	900
03-05	66.3	5.219	900	0	0	484	1	0	900
06-08	67.5	5.614	900	0	0	557	15	0	900
09-11	72.4	6.939	900	0	0	759	146	5	900
12-14	75.4	7.858	900	0	0	808	269	15	900
15-17	74.4	7.467	900	0	0	799	224	10	900
18-20	70.7	5.989	900	0	0	743	66	0	900
21-23	68.5	5.396	900	0	0	645	13	0	900
ALL HOURS	70.3	7.057	7200	0	0	5340	740	30	7200

MONTH: OCT

00-02	56.9	6.148	930	0	0	54	0	0	930
03-05	55.6	6.333	930	0	0	38	2	0	930
06-08	57.0	6.425	930	0	0	58	3	0	930
09-11	63.9	5.952	930	0	0	364	10	0	930
12-14	67.2	6.229	930	0	0	535	22	0	930
15-17	65.7	6.224	930	0	0	458	11	0	930
18-20	60.8	5.431	930	0	0	208	0	0	930
21-23	58.3	5.719	930	0	0	95	0	0	930
ALL HOURS	60.7	7.390	7440	0	0	1810	48	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF R CORD: MAR 78 - FEB 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F						TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93		
00-02	46.7	6.450	900	0	5	1	0	0	900	
03-05	45.3	6.802	900	0	24	0	0	0	900	
06-08	46.3	6.730	900	0	11	0	0	0	900	
09-11	54.2	6.087	900	0	0	33	0	0	900	
12-14	58.2	6.381	900	0	0	104	1	0	900	
15-17	56.1	6.291	900	0	0	68	0	0	900	
18-20	51.1	5.883	900	0	0	6	0	0	900	
21-23	48.5	6.166	900	0	0	3	0	0	900	
ALL HOURS	50.8	7.823	7200	0	40	2	1	0	7200	

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F						TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93		
00-02	37.0	5.811	930	0	220	0	0	0	930	
03-05	35.7	6.024	930	0	288	0	0	0	930	
06-08	36.1	6.068	930	0	271	0	0	0	930	
09-11	45.9	6.039	930	0	3	0	0	0	930	
12-14	51.1	6.226	930	0	0	7	0	0	930	
15-17	48.4	6.119	930	0	0	1	0	0	930	
18-20	42.1	5.365	930	0	21	0	0	0	930	
21-23	38.9	5.523	930	0	117	0	0	0	930	
ALL HOURS	41.9	8.137	7440	0	920	8	0	0	7440	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF HOURS WITH LE 32	GE 65	GE 80	DEG F GE 93	TOTAL HOURS
00-02	52.5	15.203	10962	0	1296	2761	57	0	10962
03-05	51.1	15.366	10962	0	1645	2505	13	0	10962
06-08	52.8	16.019	10962	0	1452	2962	214	0	10962
09-11	60.0	14.773	10959	0	83	4358	1183	19	10959
12-14	63.9	14.532	10959	0	24	5082	1806	96	10959
15-17	62.5	14.571	10959	0	28	4874	1576	51	10959
18-20	57.5	14.744	10959	0	199	3913	643	2	10959
21-23	54.5	14.934	10959	0	746	3187	177	0	10959
ALL HOURS	56.8	15.705	87681	0	5473	29642	5669	168	87681

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF HOURS WITH GE 50	TEMPERATURES GE 67	DEG F GE 73	DEG F GE 80	TOTAL HOURS
00-02	28.8	5.490	930	719	3	0	0	0	930
03-05	27.6	5.377	930	779	1	0	0	0	930
06-08	27.8	5.242	930	769	0	0	0	0	930
09-11	34.2	4.730	930	368	5	0	0	0	930
12-14	37.1	4.668	930	158	9	0	0	0	930
15-17	36.1	4.827	930	228	7	0	0	0	930
18-20	32.6	4.804	930	527	3	0	0	0	930
21-23	30.4	5.112	930	660	0	0	0	0	930
ALL HOURS	31.8	6.164	7440	4208	28	0	0	0	7440

MONTH: FEB

00-02	29.6	5.795	848	605	3	0	0	0	848
03-05	28.4	5.915	849	644	2	0	0	0	849
06-08	28.8	5.820	849	634	3	0	0	0	849
09-11	34.3	5.092	849	348	6	0	0	0	849
12-14	36.8	5.377	849	162	23	0	0	0	849
15-17	36.3	5.365	849	197	24	0	0	0	849
18-20	33.2	5.295	849	415	5	0	0	0	849
21-23	31.0	5.503	849	546	3	0	0	0	849
ALL HOURS	32.3	6.295	6791	3551	69	0	0	0	6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	34.9	6.135	933		347	10	0	0	0	933
03-05	33.7	6.246	933		423	8	0	0	0	933
06-08	34.7	6.281	933		366	15	0	0	0	933
09-11	39.2	5.741	928		105	51	0	0	0	928
12-14	41.6	5.896	927		34	96	0	0	0	927
15-17	41.5	5.782	927		31	95	0	0	0	927
18-20	38.8	5.881	927		142	44	0	0	0	927
21-23	36.6	5.940	930		263	16	0	0	0	930
ALL HOURS	37.6	6.645	7438		1711	335	0	0	0	7438

MONTH: APR

00-02	44.7	7.012	900		46	250	0	0	0	900
03-05	43.4	7.137	900		69	187	0	0	0	900
06-08	45.1	6.995	900		36	252	0	0	0	900
09-11	49.0	6.722	900		6	446	1	0	0	900
12-14	51.3	6.429	900		0	553	8	0	0	900
15-17	51.1	6.111	900		0	535	5	0	0	900
18-20	48.8	6.450	900		6	425	3	0	0	900
21-23	46.8	6.789	900		17	340	1	0	0	900
ALL HOURS	47.5	7.243	7200		180	2988	18	0	0	7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF HOURS WITH GE 50	TEMPERATURES GE 67	DEG F GE 73	DEG F GE 80	TOTAL HOURS
00-02	53.6	5.220	930	0	732	1	0	0	930
03-05	52.3	5.409	930	0	655	3	0	0	930
06-08	54.4	5.217	930	0	775	8	0	0	930
09-11	57.8	5.054	930	0	884	41	0	0	930
12-14	59.3	5.082	930	0	899	66	0	0	930
15-17	59.0	5.028	930	0	897	60	0	0	930
18-20	57.0	4.943	930	0	877	25	0	0	930
21-23	55.2	5.007	930	0	812	9	0	0	930
ALL HOURS	56.1	5.648	7440	0	6531	213	0	0	7440

MONTH: JUN

00-02	60.7	4.748	900	0	889	102	0	0	900
03-05	59.8	4.848	900	0	873	70	0	0	900
06-08	61.3	4.557	900	0	896	112	5	0	900
09-11	63.8	4.667	900	0	900	267	25	0	900
12-14	65.3	4.654	900	0	900	373	50	0	900
15-17	65.2	4.394	900	0	900	343	38	0	900
18-20	63.3	4.211	900	0	900	208	7	0	900
21-23	61.9	4.248	900	0	894	128	2	0	900
ALL HOURS	62.7	4.923	7200	0	7152	1603	127	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	67.5	4.246	930		0	930	590	107	0	930
03-05	66.7	4.211	930		0	930	515	72	0	930
06-08	68.1	4.452	930		0	930	615	150	2	930
09-11	70.7	4.865	930		0	930	746	359	17	930
12-14	72.3	5.077	930		0	930	797	486	44	930
15-17	71.8	4.783	930		0	930	792	460	24	930
18-20	69.9	4.423	930		0	930	730	291	9	930
21-23	68.6	4.250	930		0	930	662	163	0	930
ALL HOURS	69.5	4.942	7440		0	7440	5447	2088	96	7440

MONTH: AUG

00-02	69.7	3.928	930		0	930	721	268	0	930
03-05	68.7	3.826	930		0	930	675	171	0	930
06-08	69.9	4.048	930		0	930	736	288	1	930
09-11	72.8	4.140	930		0	930	854	545	14	930
12-14	74.2	4.147	930		0	930	881	642	42	930
15-17	73.7	3.875	930		0	930	878	599	30	930
18-20	71.9	3.753	930		0	930	841	465	11	930
21-23	70.7	3.873	930		0	930	793	372	0	930
ALL HOURS	71.4	4.354	7440		0	7440	6379	3350	98	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF HOURS WITH TEMPERATURES GE 50	GE 67	GE 73	GE 80	DEG F	TOTAL HOURS
00-02	63.8	5.099	900	0	900	260	40	0	900	
03-05	63.0	5.075	899	0	894	225	18	0	899	
06-08	63.5	4.925	900	0	897	245	36	0	900	
09-11	65.8	5.345	900	0	900	366	128	2	900	
12-14	67.1	5.557	900	0	900	464	161	3	900	
15-17	66.7	5.420	900	0	900	441	158	4	900	
18-20	65.3	5.004	900	0	900	352	99	0	900	
21-23	64.4	5.061	900	0	900	284	54	0	900	
ALL HOURS	64.9	5.415	7199	0	7191	2637	694	9	7199	

MONTH: OCT

00-02	53.1	6.124	930	0	695	9	2	0	930
03-05	52.0	6.391	930	0	635	6	1	0	930
06-08	52.8	6.232	930	0	673	7	1	0	930
09-11	56.6	5.587	930	0	834	33	6	0	930
12-14	58.1	5.478	930	0	875	65	7	0	930
15-17	57.6	5.525	930	0	851	55	1	0	930
18-20	55.5	5.707	930	0	799	16	0	0	930
21-23	54.0	5.825	930	0	742	8	0	0	930
ALL HOURS	55.0	6.230	7440	0	6104	199	18	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 FEB 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
	LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.2	6.780	900	41	170	0
03-05	42.2	6.995	900	67	147	0
06-08	42.9	6.847	900	46	165	0
09-11	47.4	5.943	900	0	346	0
12-14	49.3	5.854	900	0	433	4
15-17	48.3	6.113	900	0	385	3
18-20	45.9	6.352	900	6	279	0
21-23	44.3	6.579	900	16	212	0
ALL HOURS	45.4	6.934	7200	176	2137	7

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
	LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	33.5	5.675	930	408	7	0
03-05	32.3	5.758	930	485	3	0
06-08	32.6	5.709	930	456	3	0
09-11	38.7	5.118	930	105	23	0
12-14	41.4	5.212	930	23	66	0
15-17	40.2	5.392	930	59	51	0
18-20	36.8	5.381	930	228	15	0
21-23	34.8	5.608	930	330	14	0
ALL HOURS	36.3	6.395	7440	2094	182	0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: ALL

HOURS LST	MEAN DEVIATION	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F						TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80		
00-02	48.7	15.317	10961	2166	5519	1683	417	0	10961	
03-05	47.6	15.468	10961	2467	5265	1494	262	0	10961	
06-08	48.6	15.725	10962	2307	5539	1723	480	3	10962	
09-11	52.6	14.441	10957	932	6255	2308	1063	33	10957	
12-14	54.6	14.001	10956	377	6614	2658	1346	89	10956	
15-17	54.0	14.101	10956	515	6505	2577	1256	58	10956	
18-20	51.7	14.641	10956	1324	6107	2175	862	20	10956	
21-23	50.0	15.051	10959	1832	5793	1885	591	0	10959	
ALL HOURS	51.0	15.061	87668	11920	47597	16503	6277	203	87668	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420			STATION NAME: YOKOTA AB JAPAN		PERIOD OF RECORD: MAR 78 - FEB 88				
			LST TO UTC: - 9		MONTH: JAN				
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
00-02	20.8	8.264	930	751	37	930	0		930
03-05	20.0	8.011	930	785	31	930	0		930
06-08	20.0	8.099	930	776	30	930	0		930
09-11	21.8	8.745	930	702	50	930	0		930
12-14	21.3	9.516	930	703	69	930	0		930
15-17	21.8	9.293	930	700	66	930	0		930
18-20	22.1	8.509	930	697	61	930	0		930
21-23	21.7	8.372	930	719	54	930	0		930
ALL HOURS	21.2	8.680	7440	5833	398	7440	0		7440
MONTH: FEB									
00-02	21.3	9.028	849	642	47	849	0		849
03-05	20.6	8.959	849	666	41	849	0		849
06-08	20.5	8.804	849	676	43	849	0		849
09-11	21.0	9.559	849	641	55	849	0		849
12-14	21.3	10.075	849	622	61	849	0		849
15-17	22.1	9.857	849	608	62	849	0		849
18-20	22.2	9.375	849	587	58	849	0		849
21-23	21.7	9.061	849	591	46	849	0		849
ALL HOURS	21.3	9.372	6791	5033	413	6791	0		6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 FEB 88
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65		
00-02	28.2	8.990	933	449	177	932	0	933	
03-05	27.4	8.949	933	450	156	933	0	933	
06-08	27.6	9.007	933	469	160	933	0	933	
09-11	28.1	9.902	928	429	192	925	0	928	
12-14	29.0	10.181	927	404	211	924	0	927	
15-17	29.9	9.719	927	381	237	924	0	927	
18-20	29.8	9.436	927	378	238	924	0	927	
21-23	29.0	9.164	930	408	208	929	0	930	
ALL HOURS	28.6	9.490	7438	3368	1579	7424	0	7438	

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65		
00-02	39.6	9.718	900	106	584	880	0	900	
03-05	38.8	9.436	900	120	548	887	0	900	
06-08	39.4	9.645	900	112	575	886	0	900	
09-11	40.0	10.357	900	125	593	869	0	900	
12-14	41.3	9.978	900	102	636	862	2	900	
15-17	41.8	9.635	900	86	669	858	2	900	
18-20	41.8	9.800	900	98	673	864	0	900	
21-23	41.0	9.887	900	98	641	870	0	900	
ALL HOURS	40.5	9.890	7200	847	4919	6976	4	7200	

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	49.9	6.852	930		4	901	777	0	930
03-05	49.0	6.711	930		6	896	802	0	930
06-08	50.0	6.879	930		6	896	768	1	930
09-11	50.9	7.372	930		8	889	722	5	930
12-14	51.1	7.871	930		8	880	686	8	930
15-17	51.6	7.447	930		5	902	665	6	930
18-20	51.4	7.186	930		6	901	689	1	930
21-23	50.9	7.064	930		5	893	736	2	930
ALL HOURS	50.6	7.266	7440		48	7158	5845	23	7440

MONTH: JUN

00-02	58.0	5.995	900		1	896	318	74	900
03-05	57.2	6.014	900		0	895	351	67	900
06-08	58.1	5.846	900		0	897	297	77	900
09-11	59.2	6.153	900		0	898	245	122	900
12-14	59.9	6.153	900		0	899	222	159	900
15-17	60.1	5.789	900		0	900	216	160	900
18-20	59.5	5.590	900		0	900	227	115	900
21-23	58.8	5.565	900		0	899	273	90	900
ALL HOURS	58.9	6.006	7200		1	7184	2149	864	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH LE 27 GE 37 LE 55 GE 65	TEMPERATURES DEG F	TOTAL HOURS
00-02	65.8	4.699	930	0 930 42 541	930	
03-05	65.1	4.746	930	0 930 51 485	930	
06-08	66.1	4.803	930	0 930 42 565	930	
09-11	67.6	5.091	930	0 930 28 645	930	
12-14	68.4	5.296	930	0 930 25 672	930	
15-17	68.2	5.113	930	0 930 23 679	930	
18-20	67.3	4.928	930	0 930 29 657	930	
21-23	66.7	4.862	930	0 930 34 613	930	
ALL HOURS	66.9	5.111	7440	0 7440 274 4857	7440	

MONTH: AUG

00-02	67.7	4.519	930	0 930 9 659	930
03-05	67.0	4.417	930	0 930 13 615	930
06-08	67.7	4.425	930	0 930 13 664	930
09-11	69.4	4.343	930	0 930 7 753	930
12-14	70.0	4.364	930	0 930 2 770	930
15-17	69.7	4.133	930	0 930 2 785	930
18-20	69.0	4.319	930	0 930 6 757	930
21-23	68.5	4.449	930	0 930 9 711	930
ALL HOURS	68.6	4.539	7440	0 7440 58 5714	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
	LE 27	GE 37	LE 55	GE 65		
00-02	61.5	5.628	900	0	900 169 231	900
03-05	60.8	5.598	899	0	899 194 194	899
06-08	61.0	.432	900	0	900 173 194	900
09-11	62.1	5.910	900	0	900 142 238	900
12-14	62.5	6.105	900	0	900 141 283	900
15-17	62.4	6.231	900	0	900 157 286	900
18-20	62.1	5.731	900	0	900 154 258	900
21-23	61.8	5.774	900	0	900 161 239	900
ALL HOURS	61.8	5.882	7199	0	7199 1291 1923	7199

MONTH: OCT

00-02	49.9	7.247	930	1	884 757 4	930
03-05	48.9	7.588	930	3	865 790 4	930
06-08	49.3	7.495	930	4	873 775 3	930
09-11	50.6	7.957	930	7	893 701 8	930
12-14	50.9	8.212	930	5	880 698 14	930
15-17	51.1	7.937	930	4	880 693 11	930
18-20	51.1	7.475	930	1	880 699 9	930
21-23	50.4	7.217	930	1	891 734 5	930
ALL HOURS	50.3	7.720	7440	26	7046 5847 58	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AP JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65		
00-02	39.1	8.668	900		86	529	888	0	900
03-05	38.3	8.687	900		100	509	896	0	900
06-08	38.8	8.492	900		75	527	894	0	900
09-11	40.0	8.923	900		76	580	878	0	900
12-14	39.9	9.319	900		84	556	866	2	900
15-17	40.0	9.269	900		79	551	874	2	900
18-20	40.1	8.922	900		70	554	875	0	900
21-23	39.6	8.682	900		78	537	877	0	900
ALL HOURS	39.5	8.921	7200		648	4343	7048	4	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65		
00-02	27.6	7.804	930		479	123	930	0	930
03-05	26.4	7.678	930		528	92	930	0	930
06-08	26.5	7.563	930		521	94	930	0	930
09-11	28.4	8.168	930		433	149	930	0	930
12-14	28.2	9.216	930		450	175	930	0	930
15-17	28.6	9.042	930		439	188	930	0	930
18-20	28.9	8.348	930		408	173	930	0	930
21-23	28.2	7.994	930		436	149	930	0	930
ALL HOURS	27.9	8.314	7440		3694	1143	7440	0	7440

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	44.2	18.022	10961		2519	6938	7480	1509	10961
03-05	43.4	18.034	10961		2658	6792	7626	1365	10961
06-08	43.9	18.263	10962		2639	6855	7487	1504	10962
09-11	45.0	18.579	10957		2421	7059	7226	1771	10957
12-14	45.4	18.895	10956		2378	7127	7135	1910	10956
15-17	45.7	18.532	10956		2302	7215	7121	1931	10956
18-20	45.6	18.079	10956		2245	7198	7176	1797	10956
21-23	45.0	18.045	10959		2336	7078	7332	1660	10959
ALL HOURS	44.8	18.325	87668		19498	56262	58583	13447	87668

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.9	98.2	92.6	75.5	51.8	25.6	10.6	4.7	60.0	930
03-05	100.0	100.0	98.3	93.2	79.7	57.2	31.6	10.9	5.3	61.8	930
06-08	100.0	99.8	98.2	92.2	76.9	56.1	31.6	12.2	4.3	61.3	930
09-11	100.0	97.3	81.6	58.2	34.5	20.4	11.3	5.7	1.7	45.7	930
12-14	100.0	89.9	62.0	30.4	17.2	11.5	7.3	2.7	.9	36.9	930
15-17	99.9	94.4	74.6	40.5	21.5	15.2	9.1	4.0	.4	40.4	930
18-20	100.0	99.5	93.9	73.8	45.7	26.5	14.9	7.7	2.6	51.2	930
21-23	100.0	99.7	97.5	88.2	65.9	42.0	21.4	10.5	4.5	57.2	930
ALL HOURS	100.0	97.6	88.0	71.1	52.1	35.1	19.1	8.0	3.1	57.2	7440

MONTH: FEB

00-02	100.0	99.9	96.9	88.4	71.1	49.5	24.5	13.4	6.0	59.1	848
03-05	100.0	99.8	98.8	91.2	77.3	56.1	28.5	13.8	5.1	60.9	849
06-08	100.0	100.0	97.2	87.9	72.3	50.9	24.9	11.2	3.9	59.0	849
09-11	100.0	95.6	74.8	50.1	32.4	19.6	12.8	6.8	2.1	43.9	849
12-14	100.0	89.3	61.6	31.8	21.2	15.4	11.0	6.6	2.5	38.5	849
15-17	100.0	94.0	70.2	41.0	25.4	16.7	11.0	7.3	2.2	41.3	849
18-20	100.0	98.8	91.9	66.1	41.3	28.5	16.5	9.8	2.8	50.0	849
21-23	100.0	99.8	95.9	83.4	56.8	37.6	22.3	11.1	3.7	55.4	849
ALL HOURS	100.0	97.1	85.9	67.5	49.7	34.3	18.9	10.0	3.5	55.4	6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.4	93.6	80.3	61.5	39.5	20.9	6.9	64.5	933
03-05	100.0	99.8	99.4	94.7	84.5	68.3	46.3	23.7	7.5	66.7	933
06-08	100.0	99.9	98.3	91.4	78.5	59.9	40.0	19.4	5.3	63.4	933
09-11	100.0	98.0	83.9	62.9	44.9	31.4	18.1	9.2	2.6	49.6	928
12-14	100.0	94.9	75.8	53.4	35.7	24.1	16.6	7.8	2.8	45.5	927
15-17	100.0	98.2	79.9	59.3	40.5	26.6	19.1	11.5	3.8	48.4	927
18-20	100.0	99.9	95.5	77.8	59.4	42.7	26.1	13.7	4.4	56.5	927
21-23	100.0	100.0	98.6	89.6	69.7	52.3	33.2	18.1	5.2	61.1	930
ALL HOURS	100.0	98.8	91.4	77.9	61.7	45.9	29.9	15.5	4.8	61.1	7438

MONTH: APR

00-02	100.0	100.0	99.3	96.3	88.1	75.8	60.1	35.7	8.6	70.7	900
03-05	100.0	100.0	99.7	97.8	93.0	80.7	66.7	39.2	10.2	73.0	900
06-08	100.0	100.0	98.9	93.6	85.7	71.1	52.8	30.6	7.8	68.4	900
09-11	100.0	98.3	90.7	77.7	58.7	38.1	23.3	11.6	4.2	55.1	900
12-14	100.0	98.7	87.0	67.0	47.3	29.3	18.2	12.2	4.0	50.9	900
15-17	100.0	98.8	89.8	72.7	53.7	33.4	21.6	13.4	5.3	53.5	900
18-20	100.0	99.2	95.9	87.7	75.2	57.4	37.7	19.6	5.3	62.3	900
21-23	100.0	99.6	97.9	92.4	84.4	70.9	54.0	29.8	5.6	67.9	900
ALL HOURS	100.0	99.3	94.9	85.6	73.3	57.1	41.8	24.0	6.4	67.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	98.3	96.5	88.8	74.5	41.5	10.1	75.9	930
03-05	100.0	100.0	99.4	99.0	97.8	92.9	82.6	47.4	11.7	78.0	930
06-08	100.0	99.9	99.6	98.3	94.4	80.5	60.0	30.3	8.5	72.1	930
09-11	100.0	99.4	97.3	90.4	73.2	46.6	24.5	12.3	4.7	59.7	930
12-14	100.0	98.9	94.0	80.5	56.8	30.9	17.6	1.1	2.5	53.7	930
15-17	100.0	99.7	96.7	85.4	65.5	38.2	20.9	10.1	2.8	56.7	930
18-20	100.0	99.9	98.8	95.2	85.6	64.6	38.0	18.2	4.8	65.5	930
21-23	100.0	99.9	99.8	97.2	93.7	83.0	61.9	30.3	6.8	72.3	930
ALL HOURS	100.0	99.7	98.1	93.0	82.9	65.7	47.5	25.0	6.5	72.3	7440

MONTH: JUN

	100.0	100.0	99.7	99.4	99.0	94.4	81.8	57.0	13.1	80.1	900
00-02	100.0	100.0	99.9	99.7	99.3	96.2	86.4	62.2	14.8	81.3	900
03-05	100.0	100.0	99.1	94.4	86.9	74.1	45.0	22.0	3.4	67.6	900
06-08	100.0	100.0	100.0	98.7	96.3	90.8	73.7	44.9	9.1	76.6	900
09-11	100.0	100.0	99.1	94.4	86.9	74.1	45.0	22.0	3.4	67.6	900
12-14	100.0	100.0	98.4	92.0	79.2	57.8	33.6	16.3	3.2	62.8	900
15-17	100.0	100.0	99.1	94.9	83.6	63.7	36.9	18.0	3.4	64.8	900
18-20	100.0	100.0	100.0	98.2	94.7	82.0	57.3	31.2	5.4	72.0	900
21-23	100.0	100.0	100.0	99.8	97.3	91.4	74.3	47.9	11.7	77.6	900
ALL HOURS	100.0	100.0	99.5	97.1	92.0	81.3	61.1	37.4	8.0	77.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.2	96.5	72.9	17.6	84.8	930
03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.8	77.3	25.1	86.0	930
06-08	100.0	100.0	100.0	100.0	100.0	99.1	91.8	59.5	16.7	82.5	930
09-11	100.0	100.0	100.0	99.9	98.4	89.9	63.2	26.6	5.8	73.3	930
12-14	100.0	100.0	100.0	99.5	94.4	70.6	40.6	15.9	3.0	67.5	930
15-17	100.0	100.0	100.0	99.8	96.6	78.9	49.7	18.6	4.0	69.8	930
18-20	100.0	100.0	100.0	99.9	99.0	94.4	76.7	38.8	8.7	77.2	930
21-23	100.0	100.0	100.0	100.0	99.1	98.0	91.0	61.8	16.3	82.5	930
ALL HOURS	100.0	100.0	100.0	99.9	98.4	91.3	5.9	46.4	12.2	82.5	7440

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.8	98.8	93.4	64.4	8.3	82.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.8	70.1	11.0	83.8	930
06-08	100.0	100.0	100.0	100.0	99.6	98.1	89.6	46.7	8.2	79.9	930
09-11	100.0	100.0	99.9	99.5	96.6	85.8	57.8	16.1	2.4	70.5	930
12-14	100.0	100.0	99.9	98.9	90.1	60.2	31.6	10.3	1.7	64.4	930
15-17	100.0	100.0	100.0	99.0	93.9	69.5	40.0	10.4	2.2	66.6	930
18-20	100.0	100.0	100.0	99.9	98.8	94.5	73.0	26.7	3.9	74.7	930
21-23	100.0	100.0	100.0	100.0	99.4	98.0	89.1	49.5	5.5	80.0	930
ALL HOURS	100.0	100.0	100.0	99.7	97.3	88.1	71.4	36.8	5.4	80.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.2	91.4	63.0	12.1	81.9	900
03-05	100.0	100.0	100.0	100.0	99.9	99.0	92.0	67.6	12.8	82.7	899
06-08	100.0	100.0	100.0	100.0	99.6	97.2	87.4	53.4	8.8	80.1	900
09-11	100.0	100.0	100.0	99.8	95.9	83.7	56.1	24.7	3.6	71.2	900
12-14	100.0	100.0	99.9	98.8	88.4	63.1	37.3	18.1	2.3	65.9	900
15-17	100.0	100.0	100.0	98.7	90.0	70.3	43.6	21.9	4.2	67.7	900
18-20	100.0	100.0	100.0	100.0	98.9	91.2	67.8	35.4	7.9	75.3	900
21-23	100.0	100.0	100.0	100.0	99.3	96.8	85.2	50.3	10.2	79.5	900
ALL HOURS	100.0	100.0	100.0	99.7	96.5	87.6	70.1	41.8	7.7	79.5	7199

MONTH: OCT

00-02	100.0	100.0	100.0	99.9	98.3	93.3	83.8	49.4	8.0	78.0	930
03-05	100.0	100.0	100.0	99.7	98.2	95.4	85.6	53.7	10.1	79.0	930
06-08	100.0	100.0	100.0	99.7	97.7	91.6	76.5	44.1	7.6	76.5	930
09-11	100.0	100.0	99.5	94.7	81.8	57.5	34.8	18.0	2.8	63.8	930
12-14	100.0	99.8	98.1	87.8	66.1	42.3	21.5	12.8	1.3	57.7	930
15-17	100.0	99.9	98.9	93.0	75.7	50.5	28.9	13.9	2.2	61.1	930
18-20	100.0	100.0	100.0	99.7	94.4	79.6	55.8	27.8	3.9	71.3	930
21-23	100.0	100.0	100.0	99.6	98.3	90.5	74.2	40.4	7.3	75.9	930
ALL HOURS	100.0	100.0	99.6	96.8	88.8	75.1	57.6	32.5	5.4	75.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN

LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88

MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.8	98.4	95.2	88.0	71.6	44.8	11.1	75.2	900
03-05	100.0	100.0	99.9	98.8	96.7	91.7	74.2	47.7	13.4	76.7	900
06-08	100.0	100.0	99.8	99.3	97.1	91.2	70.7	40.2	11.7	75.4	900
09-11	100.0	100.0	98.4	88.6	71.7	47.8	31.2	16.7	4.7	60.5	900
12-14	100.0	99.7	94.8	74.1	48.7	28.3	19.1	11.9	3.1	52.9	900
15-17	100.0	99.8	98.3	84.0	61.1	36.8	21.9	13.2	4.4	56.6	900
18-20	100.0	99.9	99.7	96.6	86.2	69.4	46.1	21.6	5.6	67.0	900
21-23	100.0	100.0	99.8	99.0	93.2	81.6	63.2	31.9	8.0	72.0	900
ALL HOURS	100.0	99.9	98.8	92.3	81.2	66.8	49.8	28.5	7.8	72.0	7200

MONTH: DEC

00-02	100.0	100.0	99.6	97.3	90.5	74.9	46.6	21.1	6.3	67.9	930
03-05	100.0	100.0	99.4	96.9	91.9	75.6	47.1	18.5	4.5	67.9	930
06-08	100.0	100.0	99.7	96.3	89.9	75.7	44.5	17.8	4.0	67.1	930
09-11	100.0	99.0	91.2	74.0	49.2	29.0	15.2	6.0	1.8	51.1	930
12-14	100.0	94.9	80.2	50.9	24.7	13.1	7.2	4.1	1.5	42.3	930
15-17	100.0	97.7	89.6	65.4	38.4	19.8	11.1	4.5	1.8	47.2	930
18-20	100.0	99.7	97.4	91.8	72.5	48.1	27.3	8.9	2.6	59.2	930
21-23	100.0	100.0	99.0	95.9	85.4	65.3	38.2	17.3	4.7	65.0	930
ALL HOURS	100.0	98.9	94.5	83.6	67.8	50.2	29.6	12.3	3.4	65.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.4	97.1	91.3	81.4	66.0	41.3	9.4	73.4	10961
03-05	100.0	100.0	99.6	97.6	93.3	84.5	69.8	44.4	11.0	74.9	10961
06-08	100.0	100.0	99.3	96.5	90.7	80.3	62.1	34.3	8.0	71.9	10962
09-11	100.0	99.0	93.1	82.7	68.9	52.1	32.9	14.6	3.3	59.4	10957
12-14	100.0	97.2	87.8	72.3	56.0	37.3	21.8	10.7	2.4	53.3	10956
15-17	100.0	98.6	91.5	78.0	62.3	43.4	26.2	12.2	3.1	56.2	10956
18-20	100.0	99.7	97.8	90.7	79.5	65.1	44.9	21.7	4.8	65.3	10956
21-23	100.0	99.9	99.1	95.5	87.0	75.8	59.2	33.3	7.5	70.6	10959
ALL HOURS	100.0	99.3	95.9	88.8	78.6	65.0	47.9	26.6	6.2	65.6	87668

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFF
PPPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3 HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.98	29.96	29.99	29.99	29.90	29.85	29.82	29.84	29.95	30.02	30.07	30.02	2995
	SD	.194	.209	.237	.205	.186	.148	.122	.152	.151	.199	.206	.209	.203
	TOT OBS	310	283	311	300	310	300	310	310	300	310	300	310	3654
0300	MEAN	29.98	29.95	29.98	29.98	29.89	29.83	29.80	29.83	29.93	30.01	30.06	30.02	29.94
	SD	.195	.207	.234	.206	.191	.150	.131	.158	.148	.201	.206	.207	.205
	TOT OBS	310	283	311	300	310	300	310	310	300	310	300	310	3654
0600	MEAN	29.98	29.96	30.00	30.00	29.91	29.85	29.82	29.85	29.95	30.03	30.07	30.03	29.95
	SD	.196	.208	.234	.207	.191	.150	.134	.162	.148	.202	.211	.206	.205
	TOT OBS	310	283	311	300	310	300	310	310	300	310	300	310	3654
0900	MEAN	30.01	29.99	30.01	30.01	29.92	29.86	29.82	29.86	29.97	30.05	30.10	30.06	29.97
	SD	.200	.210	.234	.209	.190	.151	.130	.152	.150	.205	.215	.205	.208
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.95	29.94	29.97	29.97	29.88	29.83	29.80	29.83	29.93	30.01	30.05	30.00	29.93
	SD	.201	.208	.235	.208	.188	.151	.126	.146	.152	.205	.215	.207	.204
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	29.92	29.90	29.92	29.92	29.84	29.80	29.77	29.80	29.90	29.98	30.03	29.98	29.90
	SD	.199	.205	.229	.204	.184	.148	.124	.142	.153	.204	.211	.206	.202
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	29.96	29.93	29.95	29.94	29.85	29.81	29.78	29.81	29.92	30.01	30.06	30.01	29.92
	SD	.197	.208	.226	.205	.181	.147	.121	.142	.152	.199	.209	.206	.204
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
2100	MEAN	29.99	29.96	29.99	29.99	29.90	29.85	29.82	29.85	29.95	30.04	30.08	30.03	29.95
	SD	.194	.210	.229	.202	.181	.146	.120	.145	.155	.196	.209	.208	.202
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
ALL HOURS	MEAN	29.97	29.95	29.98	29.98	29.89	29.84	29.80	29.83	29.94	30.02	30.07	30.02	29.94
	SD	.198	.210	.234	.208	.188	.150	.127	.151	.152	.202	.211	.208	.205
	TOT OBS	2480	2264	2483	2400	2480	2400	2480	2480	2400	2480	2400	2480	29227

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.49	29.46	29.49	29.50	29.41	29.35	29.32	29.35	29.45	29.53	29.58	29.53	29.45
	SD	.190	.205	.233	.201	.182	.145	.120	.148	.147	.196	.202	.205	.199
	TOT OBS	310	284	310	300	310	300	310	310	300	310	300	310	3654
0300	MEAN	29.48	29.45	29.48	29.48	29.40	29.34	29.31	29.34	29.44	29.51	29.57	29.52	29.44
	SD	.191	.203	.228	.202	.187	.146	.129	.155	.144	.198	.203	.204	.201
	TOT OBS	310	283	311	300	310	300	310	310	300	310	300	310	3654
0600	MEAN	29.49	29.47	29.50	29.50	29.42	29.36	29.33	29.36	29.45	29.53	29.58	29.53	29.46
	SD	.192	.204	.230	.203	.188	.146	.131	.159	.144	.198	.208	.203	.201
	TOT OBS	310	283	311	300	310	300	310	310	300	310	300	310	3654
0900	MEAN	29.52	29.49	29.52	29.51	29.42	29.36	29.33	29.37	29.47	29.55	29.60	29.56	29.48
	SD	.196	.206	.230	.205	.187	.148	.127	.148	.146	.202	.212	.202	.204
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.46	29.44	29.47	29.47	29.39	29.34	29.31	29.34	29.44	29.51	29.55	29.50	29.43
	SD	.197	.204	.230	.204	.184	.148	.124	.143	.148	.202	.211	.203	.200
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	29.43	29.40	29.43	29.43	29.35	29.31	29.28	29.31	29.41	29.48	29.53	29.48	29.40
	SD	.195	.202	.225	.200	.180	.145	.122	.140	.149	.200	.208	.202	.198
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	363
1800	MEAN	29.47	29.44	29.45	29.45	29.36	29.32	29.29	29.32	29.42	29.51	29.56	29.52	29.43
	SD	.193	.204	.222	.201	.178	.144	.120	.140	.148	.195	.206	.202	.200
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
2100	MEAN	29.49	29.47	29.49	29.50	29.40	29.36	29.33	29.36	29.46	29.54	29.59	29.53	29.46
	SD	.191	.206	.225	.199	.178	.142	.118	.142	.151	.193	.205	.204	.198
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
ALL HOURS	MEAN	29.48	29.45	29.48	29.48	29.39	29.34	29.31	29.34	29.44	29.52	29.57	29.52	29.44
	SD	.195	.206	.229	.204	.185	.147	.125	.148	.148	.199	.208	.204	.201
	TOT OBS	2480	2265	2482	2400	2480	2400	2480	2480	2400	2480	2400	2480	29227

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												

CATEGORY A				930				930				930				930
------------	--	--	--	-----	--	--	--	-----	--	--	--	-----	--	--	--	-----

CATEGORY B	.3	.1		930				930				930	.2			930
------------	----	----	--	-----	--	--	--	-----	--	--	--	-----	----	--	--	-----

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												

CATEGORY A	.8			930	.3			930				930				930
------------	----	--	--	-----	----	--	--	-----	--	--	--	-----	--	--	--	-----

CATEGORY B	1.8	.8	.1	930	1.0	.2	.1	930				930	.3	.1		930
------------	-----	----	----	-----	-----	----	----	-----	--	--	--	-----	----	----	--	-----

TIME (LST)	0600 - 2000								ALL	HOURS						
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS

CATEGORY A	.2			4650	.1			7440								
------------	----	--	--	------	----	--	--	------	--	--	--	--	--	--	--	--

CATEGORY B	.6	.2	.0	4650	.5	.1	.0	7440								
------------	----	----	----	------	----	----	----	------	--	--	--	--	--	--	--	--

OPERATING LOCATION "A"
DIAETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177 517

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				849				849		.1			849		.1	849
CATEGORY B				849		.2		849		.2			849		.2	849
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				849		.4		849		.1			849			849
CATEGORY B	1.6	.5		849	.9	.5	.1	849	.6	.2	.1	849	.1			849
TIME (LST)	0600 - 2000								ALL		HOURS					
SPEED KTS		GE15	GE20	GE25				OBS			GE15	GE20	GE25		OBS	
CATEGORY A			.1					4245			.1				6792	
CATEGORY B			.7	.2	.0			4245			.5	.1	.0		6792	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A	.1			930	.2			930				930	.1			930
CATEGORY B	.2	.1		930	.2	.2	.2	930	.1	.1		930	.3	.1		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A	.5			930	.5	.3		930	.3	.1		930				930
CATEGORY B	2.2	.3	.1	930	1.7	.6	.2	930	.6	.2	.1	930	.2	.1		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		4650	.2	.1		7440
CATEGORY B	1.0	.3	.1	4650	.7	.2	.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900	.2			900				900	.1			900
CATEGORY B				900	.3	.1		900	.2			900	.4	.1		900
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			900	.8	.1		900	.1			900	.1			900
CATEGORY B	.8			900	1.4	.2	.1	900	.9	.3		900	.2	.1		900
TIME (LST)	0600 - 2000				ALL HOURS											
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4500				4500				7200	.2	.0		
CATEGORY B				4500				4500				7200	.5	.1	.0	

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A				930				930				930				930
CATEGORY B				930				930				930				930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A	.1			930				930				930				930
CATEGORY B	.6			930	.6			930	.2			930				930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4650	.0			7440
CATEGORY B	.3			4650	.2			7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

**PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS**

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420

STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A					900								900			
CATEGORY B					900				900				900			

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A				900				900				900				900
CATEGORY B	.2			900	.2			900				900				900

TIME (LST)	0600 - 2000			ALL	HOURS				
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A					4500				7200
CATEGORY B	.1			4500	.1			7200	

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A				930				930				930				930
CATEGORY B	.1			930	.2			930				930				930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A				930				930				930				930
CATEGORY B				930				930	.2			930				930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4650				7440
CATEGORY B		.0		4650	.1			7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.1		930	.1			930				930				930
CATEGORY B	.5	.4	.3	930	.2	.2	.1	930	.1			930	.3	.2		930
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930	.2	.1		930	.1			930	.3	.2		930
CATEGORY B	.8	.1	.1	930	.5	.1	.1	930	.4	.1	.1	930	.6	.4	.3	930
TIME (LST)	0600 - 2000								ALL HOURS							
SPEED KTS	GE15	GE20	GE25	OBS					GE15	GE20	GE25	OBS				
CATEGORY A		.1	.0		4650				.2	.1		7440				
CATEGORY B		.4	.1	.1	4650				.4	.2	.1	7440				

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900				900				900
CATEGORY B				900				900				900				900
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900				900	.1			900				900
CATEGORY B	.1			900				900	.2			900				900
TIME (LST)	0600 - 2000								ALL HOURS							
SPEED KTS		GE15	GE20	GE25	OBS				GE15	GE20	GE25	OBS				
CATEGORY A		.0			4500				.0			7200				
CATEGORY B		.1			4500				.0			7200				

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930	.3	.2	.1	930
CATEGORY B				930				930	.2			930	.3	.2	.1	930
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930				930				930				930
CATEGORY B	.5			930				930				930				930
TIME (LST)	0600 - 2000								ALL HOURS							
SPEED KTS	GE15	GE20	GE25	OBS					GE15	GE20	GE25	OBS				
CATEGORY A	.1	.0	.0	4650					.1	.0	.0	7440				
CATEGORY B	.2	.0	.0	4650					.1	.0	.0	7440				

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD: MAR 78 - FEB 88
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A				900				900				900				900
CATEGORY B				900				900				900	.3	.1		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A	.1			900	.3			900	.1			900				900
CATEGORY B	.8	.2		900	.9	.3	.2	900	.1	.1		900	.1	.1		900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4500				7200
CATEGORY B				4500				7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B				930				930	.1			930	.6			930
TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930	.1			930				930				930
CATEGORY B	1.3	.4	.1	930	.9			930	.3			930	.1			930
TIME (LST)	0600 - 2000								ALL		HOURS					
SPEED KTS					GE15	GE20	GE25	OBS			GE15	GE20	GE25	OBS		
CATEGORY A					.1			4650			.0				7440	
CATEGORY B					.6	.1	.0	4650			.4	.1	.0		7440	

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 177-357

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: - 9 MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0	.0	10959		.0		10959		.0		10959		.1	.0	.0	10959
CATEGORY B	.1	.1	.0	10959	.1	.0	.0	10959	.1	.0	10959		.2	.1	.0	10959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS												
CATEGORY A	.2		10959		.2	.0	10959		.1	.0	10959		.0	.0	10959	
CATEGORY B	.9	.2	.0	10959	.7	.2	.1	10959	.3	.1	.0	10959	.1	.1	.0	10959

TIME (LST)	0600 - 2000				ALL HOURS				
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A	.1	.0	.0	54795		.1	.0	.0	87672
CATEGORY B	.4	.1	.0	54795		.3	.1	.0	87672

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAA	RRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERisks (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9 PERIOD OF RECORD: NOV 47 - FEB 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1947											470	803	1273
1948	816	730	691	266	87	14			8	114	382	596	3704
1949	739	635	694	388	71	40	2			154	471	708	3902
1950	781	711	616	261	35	13			****	165	399	726	3707
1951	857	724	576	302	82	12	2		26	106	394	618	3699
1952	807	840	635	320	78	11			3	119	337	728	3878
1953	841	737	539	361	104	22			3	1	97	450	610
1954	799	660	604	230	4	77	4		183	377	653	3681	3765
1955	843	645	569	296	77	2			7	101	418	608	3566
1956	809	775	571	329	113	4			14	122	381	775	3893
1957	747	739	669	250	120	38	1		12	97	318	605	3596
1958	774	650	588	300	95	6			5	195	410	596	3619
1959	842	595	577	240	77	25			1	107	379	655	3498
1960	803	635	548	344	110	19			11	146	365	682	3663
1961	840	743	606	272	49	5				94	348	677	3634
1962	827	678	619	319	96	14			11	178	446	703	3891
1963	943	745	674	313	104	28			16	153	383	628	3987
1964	768	768	650	194	46	13			26	187	429	666	3747
1965	818	731	704	436	121	5			1	138	363	706	4023
1966	863	642	552	308	128	55	6		12	87	401	764	3818
1967	877	770	611	288	50	4			8	186	447	757	3998
1968	821	830	566	290	119					201	298	516	3641
1969	724	702	673	293	49	14	10		10	133	356	683	3647
1970	822	664	755	304	37	20	1		5	163	424	778	3973
1971	841	725	654	339	110	7			6	214	422	658	3976
1972	712	741	546	299	62	3			2	80	417	684	3546

1973		752	669	652	215	116	26			180	471	802	3883
1974		854	730	709	255	70	7	9	19	159	491	801	4104
1975		938	789	663	319	112	1		5	164	407	742	4140
1976		819	692	613	356	126	9	22	23	148	475	725	4008
1977		923	767	557	263	97	29		1	104	287	613	3641
1978		821	845	682	403	108	5		16	183	422	680	4165
1979		781	597	589	337	126	3			37	277	523	3270
1980		763	818	673	370	107	7	7	1	34	142	399	4044
'81		924	753	617	354	166	39		12	168	522	763	4318
1982		824	727	601	283	15	4		6	161	347	652	3620
1983		792	724	645	198	59	18	3	15	171	453	771	3849
1984		943	913	813	398	100				113	412	689	4381
1985		868	623	576	241	31	20		19	142	380	688	3588
1986		809	757	621	262	77	15	1		181	417	661	3801
1987		762	580	565	278	53	2		4	77	379	649	3349
1988		694	****										694
MEAN		819	719	626	301	86	15	1	0	8	141	400	684
SD		60.74	73.73	61.02	55.65	32.93	16.12	4.15	.50	8.70	40.43	54.51	70.97

*****SPL 30YR SUMMATION (1951 -1980)*****

MEAN		820	721	620	304	92	15	2	0	9	140	393	678
SD		56.03	68.42	56.69	52.90	27.27	17.01	4.71	.57	9.20	43.05	54.25	74.22

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 476420 STATION NAME: YOKOTA AB JAPAN
LST TO UTC: - 9

PERIOD OF RECORD: NOV 47 - FEB 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
1948					22	179	425	367	256	23			1272		
1949					32	70	389	432	187	5			1115		
1950				1	49	161	424	408	****	4			1047		
1951					5	39	140	330	475	123	35		1147		
1952					4	19	159	333	467	213	24		1219		
1953					2	30	118	323	358	188	6	1	1026		
1954					2	15	37	223	461	294	5		1037		
1955					9	26	234	495	419	171	38		1392		
1956					2	37	190	327	362	220	24		1162		
1957					4	11	91	310	488	110	17		1031		
1958					13	40	203	343	389	240	28		1256		
1959				2	6	47	100	409	446	273	31		1314		
1960						43	155	402	414	237	11		1262		
1961					3	54	151	426	400	283	46		1363		
1962						29	86	339	473	259	20	2	1208		
1963						8	53	218	371	422	126	8		1206	
1964						10	37	144	380	482	188	7		1248	
1965							33	175	330	452	201	6		1197	
1966						7	23	125	354	459	224	22		1214	
1967						4	51	194	379	509	182	8		1327	
1968							10	191	387	467	196	21		1272	
1969							11	42	121	311	471	231	8	1199	
1970								43	105	332	425	210	12		1127
1971								30	120	386	422	128	1		1087
1972				5		16	38	147	368	452	231	31		1288	
1973						5	30	90	402	534	217	23		1301	

1974			25	128	230	440	150	3	976
1975		4	13	180	380	406	268	18	1269
1976			23	125	262	345	149	23	927
1977		4	22	113	352	305	254	22	1076
1978			11	192	413	475	115	7	1213
1979		3	22	212	312	495	271	60	1383
1980		1	32	173	225	192	161	14	798
1981			8	71	363	317	128	5	892
1982		2	139	168	221	409	145	5	1089
1983		19	57	90	274	390	183	23	1036
1984			16	151	379	503	241	46	1336
1985			44	100	395	499	237	42	1319
1986		7	26	152	323	473	251	21	1253
1987		8	55	180	468	508	264	46	1531

*****SPL 30YR SUMMATION (1951 -1980)*****

MEAN		0	4	34	143	352	430	205	19	0
SD		.84	4.74	21.77	45.63	63.96	66.23	52.32	14.51	1.55

AWS | STATION NAME: YOKOTA AB JAPAN
 CLIMATIC BRIEF | LATITUDE/LONGITUDE: 35 45 N 139 21 E
 HOURLY OBS POR: MAR 78 FEB 88
 SUMMARY OF DAY POR: NOV 47 FEB 88
 HOURS SUMMARIZED: 0000 2500 LST
 NOV 88 | LST TO UTC: -09
 FIELD ELEV: 457 FT
 STATION MSC: 476420
 CALL SIGN: RJTY
 SUPERSEDES: DEC 83

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXT MAX TEMP (F)	71	81	80	89	90	96	100	99	104	90	81	75	104	42
MEAN MAX TEMP (F)	48	48	54	64	72	76	83	86	78	68	60	52	66	42
MEAN TEMP (F)	38	39	44	55	63	69	76	79	71	61	51	43	57	42
MEAN MIN TEMP (F)	28	29	35	45	54	62	69	71	65	53	42	32	49	42
EXT MIN TEMP (F)	14	14	16	28	37	48	50	59	48	36	26	17	14	42
D/W TEMP GE 90 (F)	0	0	0	0	#	1	6	9	1	#	0	0	17	42
D/W TEMP GE 80 (F)	0	#	#	1	3	9	21	26	13	1	#	0	74	42
D/W TEMP LT 33 (F)	26	20	12	1	0	0	0	0	0	0	2	17	78	42
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	42
HEATING DEGREE DAYS	819	719	626	301	86	15	1	#	8	141	400	684	3800	42
COOLING DEGREE DAYS	0	0	#	4	34	143	352	430	205	19	#	0	1187	42
MEAN DEWPNT TEMP (F)	21	21	29	41	51	59	67	69	62	50	40	28	45	10
MEAN WET BULB TEMP (F)	32	32	38	48	56	63	70	71	65	55	45	36	51	10
99.9% WCPA (FT)	1000	1050	1100	1050	1050	1000	950	1000	900	1000	950	1000	1050	10
MEAN REL HUM 07 LST(%)	61.3	59.0	63.4	68.4	72.1	76.6	82.5	79.9	80.1	70.5	75.4	67.1	71.9	10
MEAN REL HUM 13 LST(%)	36.9	38.5	45.5	50.9	53.7	62.8	67.5	64.4	65.9	57.7	52.9	42.3	53.3	10
MAX 24HR PRECIP (IN)	3.57	3.24	2.39	2.96	4.56	9.79	7.38	7.20	9.03	6.65	3.20	2.82	9.79	42
MAX PRECIP (IN)	4.64	7.12	6.13	7.88	15.43	17.58	16.54	18.07	19.96	16.81	8.34	6.75	85.22	42
MEAN PRECIP (IN)	1.70	2.12	3.24	4.15	4.86	7.35	6.65	7.57	7.93	6.29	3.12	1.73	56.62	42
MIN PRECIP (IN)	.01	.20	.47	.49	1.46	1.22	1.36	1.75	1.11	1.16	.29	#	36.56	42
D/W PRECIP GE .01 (IN)	5	6	10	11	12	15	15	12	15	12	8	5	126	42
D/W PRECIP GT .50 (IN)	1	-	2	3	3	5	4	4	5	4	2	1	35	42
MAX 24HR SNFL (IN)	8.7	12.3	14.8	6.7	0	0	0	0	0	0	.4	4.0	14.8	42
MAX SNFL (IN)	18.2	20.0	23.1	6.7	0	0	0	0	0	0	.4	4.0	52.4	42
AV SNFL (IN)	3.1	5.6	2.9	.2	0	0	0	0	0	0	0	.4	12.4	42
D/W SNFL GE .1 (IN)	1	2	1	#	0	0	0	0	0	0	#	1	5	42
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	0	#	3	42
MAX JLY SNO DEPTH (IN)	12	12	9	2	0	0	0	0	0	0	1	3	12	42
FRVNG WND DIR (DEG)	\$35-01	35-01	35-01	35-01	\$14-16	\$14-16	\$14-16	\$17-19	\$35-01	35-01	\$35-01	\$35-01	\$35-01	10
MEAN WND SPD (KTS)	4	5	6	6	5	4	4	4	4	4	4	4	4	10
MAX WND SPD (KTS)	43	42	42	48	40	56	44	67	91	76	37	40	91	30
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
D/W THUNDERSTORMS	1	#	1	1	1	2	4	4	1	1	1	#	17	39
D/W FOG (VSBY LT 7 MI)	6	8	12	15	17	22	25	22	21	16	11	8	183	39

DEFINITION: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

* = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

	LST													
	00 - 02	6.5	10.0	20.0	25.0	26.1	32.7	37.5	35.3	37.8	22.9	19.3	7.1	24.5
	03 - 05	5.8	13.2	21.5	25.0	27.8	30.5	30.0	41.8	39.2	21.6	16.9	5.9	26.2
CIG	06 - 08	6.5	13.0	20.3	25.3	27.3	39.7	30.5	40.8	38.9	22.7	18.8	5.7	25.8
LT 3000 FT	09 - 11	6.2	13.4	16.5	20.4	18.7	32.9	25.3	26.8	31.7	17.3	17.8	7.1	20.3
AND/OR	12 - 14	4.7	12.8	17.0	19.1	16.1	28.0	25.1	18.2	24.9	14.6	16.0	8.4	17.1
VSBY	15 - 17	5.7	12.4	17.3	17.0	15.6	24.7	24.9	17.3	23.3	15.1	19.2	13.7	17.2
LT 3 MI	18 - 20	7.0	13.1	18.1	20.0	17.8	29.7	29.9	22.7	30.8	19.4	22.9	13.2	20.4
	21 - 23	7.5	11.9	20.4	22.4	22.0	36.3	38.3	30.9	34.1	21.4	19.7	8.9	22.8
	ALL	6.2	12.7	16.9	21.6	21.3	34.3	37.5	29.2	32.6	19.4	18.8	8.7	21.8
	00 - 02	4.4	6.8	13.5	16.7	18.1	29.1	36.5	25.3	25.6	15.9	12.7	4.9	17.5
	03 - 05	3.4	7.5	13.8	17.3	19.7	35.4	41.8	31.6	27.2	15.4	11.6	4.0	19.1
CIG	06 - 08	3.8	8.4	13.2	17.6	20.3	33.7	42.9	31.0	27.2	16.9	13.1	3.1	19.3
LT 1500 FT	09 - 11	4.5	8.6	10.3	14.7	14.7	26.0	28.8	17.6	22.1	13.1	11.6	4.9	14.7
AND/OR	12 - 14	3.7	8.5	12.6	12.7	10.8	20.1	17.5	10.8	14.8	11.6	12.7	7.3	11.9
VSBY	15 - 17	4.4	8.8	12.9	11.8	10.6	16.8	18.2	10.0	15.9	13.2	14.9	11.5	12.4
LT 3 MI	18 - 20	5.7	7.8	15.2	14.2	13.8	23.0	22.3	14.4	22.4	15.5	16.3	10.1	14.9
	21 - 23	5.5	7.5	12.9	15.3	15.4	27.2	29.5	19.5	22.3	14.5	13.2	6.5	15.8
	ALL	4.4	8.0	12.8	15.0	15.4	26.4	39.7	20.0	22.2	14.5	13.2	6.5	15.7
	00 - 02	2.8	4.0	9.9	9.1	11.0	19.2	24.2	13.9	16.3	9.7	6.6	2.5	10.8
	03 - 05	2.5	5.7	8.4	11.1	13.9	23.9	30.5	18.1	18.9	9.4	5.9	1.6	12.5
CIG	06 - 08	2.4	6.2	8.3	11.8	14.4	23.4	30.9	16.3	18.3	12.3	7.6	2.2	12.8
LT 1000 FT	09 - 11	3.3	4.9	7.4	9.0	10.4	15.4	17.1	9.6	11.2	8.3	7.2	2.8	8.9
AND/OR	12 - 14	2.2	6.1	8.4	8.3	6.5	10.9	9.9	5.7	8.7	7.3	7.7	4.6	7.2
VSBY	15 - 17	2.4	6.0	9.0	7.8	5.9	10.2	16.4	4.9	10.6	9.2	9.6	5.7	7.6
LT 2 MI	18 - 20	2.9	4.1	8.3	8.2	8.9	12.3	14.8	6.7	13.7	9.4	9.0	4.7	8.6
	21 - 23	3.7	5.1	8.2	8.9	10.6	14.9	16.7	9.1	13.2	9.2	6.9	3.0	9.1
	ALL	2.8	5.3	8.5	9.3	10.2	16.3	19.3	10.5	13.9	9.3	7.5	3.4	9.7
	00 - 02	.5	.4	.1	.3	.2	.8	1.2	.4	.2	.4	.8	.0	.4
	03 - 05	.0	.2	.0	.7	.4	1.2	2.7	1.0	.6	.5	.3	.0	.6
CIG	06 - 08	.2	.2	.4	.1	.8	.9	1.1	.2	.0	.2	.4	.0	.4
LT 200 FT	09 - 11	.2	.5	.3	.0	.2	.1	.0	.0	.0	.0	.3	.0	.1
AND/OR	12 - 14	.3	.2	.4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
VSBY	15 - 17	.4	.4	.3	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1
LT 1/2 MI	18 - 20	.0	.5	.0	.0	.1	.1	.0	.0	.2	.1	.0	.2	.1
	21 - 23	.2	.7	.0	.1	.0	.1	.5	.1	.0	.4	.2	.1	.2
	ALL	.2	.4	.2	.2	.2	.4	.7	.2	.1	.2	.3	.1	.3

TYPHOONS/TROPICAL STORMS OBSERVED FOR THE PERIOD 1954 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	1/0	0/1	3/3	3/1	0/0	0/0	0/0	7/5
120NM	0/0	0/0	0/0	0/0	0/0	2/0	2/4	5/10	8/5	5/2	0/0	0/0	22/21
240NM	0/0	0/0	0/0	0/0	2/1	3/4	3/14	16/22	18/12	8/3	1/0	0/0	51/56

REMARKS : @

DISTRIBUTION

1WW/DN, Hickam AFB, HI 96853-5000	1
20WS/DON, APO San Francisco 96328-5000	1
Det 17, 20WS, APO San Francisco 96328-5000	1
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OI A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AWSTL, Scott AFB, IL 62225-5458	10